

## Certification Summary Information Report

|                                   |                       |                                     |                        |
|-----------------------------------|-----------------------|-------------------------------------|------------------------|
| <b>Manufacturer</b>               | Rivian Automotive LLC | <b>Manufacturer Code</b>            | RIV                    |
| <b>Test Group</b>                 | PRIVT00.0194          | <b>Evaporative/Refueling Family</b> | --                     |
| <b>Certificate Number</b>         | PRIVT00.0194-002      | <b>CARB Executive Order #</b>       | --                     |
| <b>Certificate Issue Date</b>     | 12/01/2022            | <b>Certificate Revision Date</b>    | --                     |
| <b>Certificate Effective Date</b> | 12/01/2022            | <b>Conditional Certificate</b>      | No                     |
| <b>CSI Revision #</b>             | --                    | <b>CSI Submission/Revision Date</b> | 12/01/2022 10:02:49 PM |
| <b>Model Year</b>                 | 2023                  |                                     |                        |

  
**Test Group Information**

|                          |                       |                                        |    |
|--------------------------|-----------------------|----------------------------------------|----|
| <b>CSI Type</b>          | Update for Correction | <b>Running Change Reference Number</b> | -- |
| <b>GHG Exempt Status</b> | Not Exempt            |                                        |    |

  
**Drive Sources and Fuel(s)**

**Drive Source #1:** Electric Motor

| Fuel        | Basic Fuel Metering System | Lean Burn Strategy Indicator |
|-------------|----------------------------|------------------------------|
| Electricity | --                         | --                           |

  

|                                                     |                                                                                                                        |                                                            |              |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|--------------|
| <b>Hybrid Indicator</b>                             | No                                                                                                                     |                                                            |              |
| <b>Multiple Fuel Storage</b>                        | --                                                                                                                     | <b>Rechargeable Energy Storage System Indicator</b>        | Yes          |
| <b>Multiple Fuel Combustion</b>                     | --                                                                                                                     | <b>Off-board Charge Capable Indicator</b>                  | Yes          |
| <b>Fuel Cell Indicator</b>                          | No                                                                                                                     | <b>EPA Vehicle Class</b>                                   | MDPV         |
| <b>Federal Clean Fuel Vehicle</b>                   | Yes                                                                                                                    | <b>Federal Clean Fuel Vehicle Standard</b>                 | ZEV          |
| <b>Federal Clean Fuel Vehicle ILEV</b>              | No                                                                                                                     | <b>California Partial Zero Emissions Vehicle Indicator</b> | --           |
| <b>Durability Group Name</b>                        | PRIVR0000194                                                                                                           | <b>Durability Group Equivalency Factor</b>                 | 1            |
| <b>Reduced Fee Test Group</b>                       | No                                                                                                                     | <b>Certification Region Code(s)</b>                        | FA, CA       |
| <b>Complies with HD GHG 2b/3 regulations?</b>       | No                                                                                                                     |                                                            |              |
| <b>Introduction into Commerce Date</b>              | 12/15/2022                                                                                                             | <b>CAP2000 Conditional Certificate?</b>                    | No           |
| <b>Independent Commercial Importer?</b>             | No                                                                                                                     | <b>Alternative Fuel Converter Certificate?</b>             | No           |
| <b>SFTP Federal Composite Compliance Identifier</b> | Not Applicable                                                                                                         | <b>SFTP Tier 2 Composite CO Option</b>                     | No           |
| <b>SFTP LEV-III Composite Compliance Indicator</b>  | No                                                                                                                     |                                                            |              |
| <b>OBD Compliance Type</b>                          | CARB                                                                                                                   | <b>OBD Demonstration Vehicle Test Group</b>                | PRIVT00.0194 |
| <b>Test Group OBD Compliance Level</b>              | Full - no deficiencies                                                                                                 | <b>Number of Test Group OBD Deficiencies</b>               | 0            |
| <b>OBD Deficiencies Comments</b>                    | OBD COMPLIANCE IS NOT APPLICABLE TO ZEV. PARAMETERS ARE PLACEHOLDERS TO ALLOW DATASET SUBMISSION.                      |                                                            |              |
| <b>Mfr Test Group Comments</b>                      | ALL-PURPOSE AND CONSERVE DURABILITY IS NOT APPLICABLE TO ZEV. PARAMETERS ARE PLACEHOLDERS TO ALLOW DATASET SUBMISSION. |                                                            |              |
| <b>Mfr Exhaust / Evap Standards Comments</b>        | --                                                                                                                     |                                                            |              |

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|                                                  |                     |                                                          |                                     |
|--------------------------------------------------|---------------------|----------------------------------------------------------|-------------------------------------|
| <b>Test Group</b>                                | PRIVT00.0194        | <b>Evaporative/Refueling Family</b>                      | --                                  |
| <b>Models Covered by this Certificate</b>        |                     |                                                          |                                     |
| <b>Carline Manufacturer</b>                      | <b>Division</b>     | <b>Carline</b>                                           | <b>Certification Region Code(s)</b> |
| Rivian Automotive LLC                            | 1 - Rivian          | 522 - R1S 22in                                           | California + CAA Section 177 states |
| Rivian Automotive LLC                            | 1 - Rivian          | 721 - R1T 21in                                           | Federal                             |
| Rivian Automotive LLC                            | 1 - Rivian          | 722 - R1T 22in                                           | California + CAA Section 177 states |
| Rivian Automotive LLC                            | 1 - Rivian          | 720 - R1T 20in                                           | Federal                             |
| Rivian Automotive LLC                            | 1 - Rivian          | 522 - R1S 22in                                           | Federal                             |
| Rivian Automotive LLC                            | 1 - Rivian          | 521 - R1S 21in                                           | Federal                             |
| Rivian Automotive LLC                            | 1 - Rivian          | 721 - R1T 21in                                           | California + CAA Section 177 states |
| Rivian Automotive LLC                            | 1 - Rivian          | 720 - R1T 20in                                           | California + CAA Section 177 states |
| Rivian Automotive LLC                            | 1 - Rivian          | 722 - R1T 22in                                           | Federal                             |
| Rivian Automotive LLC                            | 1 - Rivian          | 521 - R1S 21in                                           | California + CAA Section 177 states |
| Rivian Automotive LLC                            | 1 - Rivian          | 520 - R1S 20in                                           | Federal                             |
| Rivian Automotive LLC                            | 1 - Rivian          | 520 - R1S 20in                                           | California + CAA Section 177 states |
| <b>Drive System</b>                              | <b>Trans - Type</b> | <b>- # of Gears</b>                                      | <b>Trans - Lockup</b>               |
| All Wheel Drive                                  | Automatic           | 1                                                        | No                                  |
| All Wheel Drive                                  | Automatic           | 1                                                        | No                                  |
| All Wheel Drive                                  | Automatic           | 1                                                        | No                                  |
| All Wheel Drive                                  | Automatic           | 1                                                        | No                                  |
| All Wheel Drive                                  | Automatic           | 1                                                        | No                                  |
| All Wheel Drive                                  | Automatic           | 1                                                        | No                                  |
| All Wheel Drive                                  | Automatic           | 1                                                        | No                                  |
| All Wheel Drive                                  | Automatic           | 1                                                        | No                                  |
| All Wheel Drive                                  | Automatic           | 1                                                        | No                                  |
| All Wheel Drive                                  | Automatic           | 1                                                        | No                                  |
| All Wheel Drive                                  | Automatic           | 1                                                        | No                                  |
| All Wheel Drive                                  | Automatic           | 1                                                        | No                                  |
| <b>Engine Description</b>                        |                     |                                                          |                                     |
| <b>Hybrid Type</b>                               | --                  | <b>Hybrid Description</b>                                | --                                  |
| <b>Engine Type</b>                               | --                  | <b>Mfr Engine Description</b>                            | --                                  |
| <b>Engine Block Arrangement</b>                  | --                  | <b>Mfr Engine Block Arrangement Description</b>          | --                                  |
| <b>Camless Valvetrain Indicator</b>              | --                  | <b>Oil Viscosity/Classification</b>                      |                                     |
| <b>Number of Cylinders/Rotors</b>                | --                  | <b>Mechanically Variable Compression Ratio Indicator</b> | --                                  |
| <b>After Treatment Device(s) (ATD)</b>           |                     |                                                          |                                     |
| <b>Mfr After Treatment Device (ATD) Comments</b> | --                  |                                                          |                                     |
| <b>Direct Ozone Reduction (DOR) Device</b>       | --                  |                                                          |                                     |
| <b>Mfr Emission Control Device Comments</b>      | --                  |                                                          |                                     |

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|                       |     |              |      |         |         |                              |                           |                          |                              |                       |
|-----------------------|-----|--------------|------|---------|---------|------------------------------|---------------------------|--------------------------|------------------------------|-----------------------|
| Test Group            |     | PRIVT00.0194 |      |         |         | Evaporative/Refueling Family |                           |                          | --                           |                       |
| Official Test Numbers |     |              |      |         |         |                              |                           |                          |                              |                       |
| Test Group Fuel       | FTP | US06         | SC03 | Cold CO | Highway | EPA City Litmus Value        | EPA City Litmus Threshold | EPA Highway Litmus Value | EPA Highway Litmus Threshold | CREE Weighting Factor |
| Electricity           | --  | --           | --   | --      | --      | --                           | --                        | --                       | --                           | --                    |

|                                    |     |      |      |
|------------------------------------|-----|------|------|
| SFTP LEV-III Official Test Numbers |     |      |      |
| Test Group Fuel                    | FTP | US06 | SC03 |
| Electricity                        | --  | --   | --   |

|                                        |              |              |
|----------------------------------------|--------------|--------------|
| Official Charge Depleting Test Numbers |              |              |
| Test Group Fuel                        | UDDS         | Highway      |
| Electricity                            | PRIV10077367 | PRIV10077368 |
| Electricity                            | PRIV10077317 | PRIV10077318 |
| Electricity                            | PRIV10078043 | PRIV10078044 |
| Electricity                            | PRIV10077398 | PRIV10077399 |
| Electricity                            | PRIV10077381 | PRIV10077382 |
| Electricity                            | PRIV10077384 | PRIV10077385 |
| Electricity                            | PRIV10078009 | PRIV10078013 |
| Electricity                            | PRIV10077374 | PRIV10077377 |
| Electricity                            | PRIV10077400 | PRIV10077401 |
| Electricity                            | PRIV10077319 | PRIV10077320 |

## Certification Summary Information Report

| Test Group                                        | PRIVT00.0194             | Evaporative/Refueling Family                 | --   |
|---------------------------------------------------|--------------------------|----------------------------------------------|------|
| Hybrid Electric Vehicle And Fuel Cell Information |                          |                                              |      |
| Rechargeable Energy Storage System                | Battery(s)               | Rechargeable Energy Storage System, if Other | --   |
| Battery Type                                      | Lithium Ion              | Number of Battery Packs                      | 1    |
| Total Voltage of Battery Packs                    | 400                      | Battery Energy Capacity                      | 360  |
| Battery Specific Energy                           | 169                      | Battery Charger Type                         | Both |
| Number of Capacitors                              | --                       | Capacitor Rating (In Farads)                 | --   |
| Mfr Capacitor Comments                            | --                       |                                              |      |
| Hydraulic System Description                      | --                       |                                              |      |
| Regenerative Braking Type                         | Electrical Regen Brake   |                                              |      |
| Regenerative Braking Source                       | Both                     | Driver Controlled Regenerative Braking       | Yes  |
| Mfr Regenerative Braking Description              | --                       |                                              |      |
| Drive Motor(s)/Generator(s)                       | 4                        |                                              |      |
| Motor/Generator Type 1                            | AC Induction             | Rated Motor/Generator Power                  | 162  |
| Motor/Generator Type 2                            | AC Induction             | Rated Motor/Generator Power                  | 162  |
| Motor/Generator Type 3                            | AC Induction             | Rated Motor/Generator Power                  | 163  |
| Motor/Generator Type 4                            | AC Induction             | Rated Motor/Generator Power                  | 163  |
| Mfr Fuel Cell Description                         | --                       |                                              |      |
| Fuel Cell On-Board H2 Storage Capacity (kg)       | --                       | Usable H2 Fill Capacity (kg)                 | --   |
| Mfr Hybrid Electric/ Electric Vehicle Comments    | ALL-PURPOSE AND CONSERVE |                                              |      |

## Certification Summary Information Report

| <b>Test Group</b>                            | PRIVT00.0194                                                                                                                                                            | <b>Evaporative/Refueling Family</b>                   | --                      |      |   |                |             |  |  |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------|------|---|----------------|-------------|--|--|
| <b>Emission Data Vehicle Information</b>     |                                                                                                                                                                         |                                                       |                         |      |   |                |             |  |  |
| <b>Vehicle ID / Configuration</b>            | R1S0054R20AP / 0                                                                                                                                                        | <b>Manufacturer Vehicle Configuration Number</b>      | 0                       |      |   |                |             |  |  |
| <b>Original Test Group Name</b>              | PRIVT00.0194                                                                                                                                                            | <b>Original Evaporative/Refueling Family</b>          | --                      |      |   |                |             |  |  |
| <b>Original Test Vehicle Model Year</b>      | 2023                                                                                                                                                                    |                                                       |                         |      |   |                |             |  |  |
| <b>Vehicle Model</b>                         |                                                                                                                                                                         |                                                       |                         |      |   |                |             |  |  |
| <b>Represented Test Vehicle Make</b>         | Rivian                                                                                                                                                                  | <b>Represented Test Vehicle Model</b>                 | R1S 20in                |      |   |                |             |  |  |
| <b>Leak Family Details</b>                   |                                                                                                                                                                         |                                                       |                         |      |   |                |             |  |  |
| <b>Leak Family Identifier</b>                | --                                                                                                                                                                      | <b>Leak Family Name</b>                               | --                      |      |   |                |             |  |  |
| <b>Drive Sources and Fuel System Details</b> |                                                                                                                                                                         |                                                       |                         |      |   |                |             |  |  |
|                                              | <table border="1"> <tr> <th>Drive Source and Fuel#</th><th>Drive Source</th><th>Fuel</th></tr> <tr> <td>1</td><td>Electric Motor</td><td>Electricity</td></tr> </table> | Drive Source and Fuel#                                | Drive Source            | Fuel | 1 | Electric Motor | Electricity |  |  |
| Drive Source and Fuel#                       | Drive Source                                                                                                                                                            | Fuel                                                  |                         |      |   |                |             |  |  |
| 1                                            | Electric Motor                                                                                                                                                          | Electricity                                           |                         |      |   |                |             |  |  |
| <b>Hybrid Indicator</b>                      | No                                                                                                                                                                      | <b>Multiple Fuel Combustion</b>                       | --                      |      |   |                |             |  |  |
| <b>Multiple Fuel Storage</b>                 | --                                                                                                                                                                      | <b>Rechargeable Energy Storage System Indicator</b>   | Yes                     |      |   |                |             |  |  |
| <b>Fuel Cell Indicator</b>                   | No                                                                                                                                                                      | <b>Rechargeable Energy Storage System, if 'Other'</b> | --                      |      |   |                |             |  |  |
| <b>Rechargeable Energy Storage System</b>    | Battery(s)                                                                                                                                                              |                                                       |                         |      |   |                |             |  |  |
| <b>Off-board charge Capable Indicator</b>    | Yes                                                                                                                                                                     |                                                       |                         |      |   |                |             |  |  |
| <b>Odometer Correction -- Initial</b>        | 1                                                                                                                                                                       | <b>Odometer Correction Factor</b>                     | 1                       |      |   |                |             |  |  |
| <b>Odometer Correction Sign</b>              | + = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles                                                                         |                                                       |                         |      |   |                |             |  |  |
| <b>Odometer Correction Units</b>             | Miles                                                                                                                                                                   |                                                       |                         |      |   |                |             |  |  |
| <b>Engine Code</b>                           | 132X2110X2OS                                                                                                                                                            | <b>Rated Horsepower</b>                               | 872                     |      |   |                |             |  |  |
| <b>Displacement (liters)</b>                 | 99.999                                                                                                                                                                  |                                                       |                         |      |   |                |             |  |  |
| <b>Air Aspiration Method</b>                 | Naturally Aspirated                                                                                                                                                     | <b>Air Aspiration Method, if 'Other'</b>              | Electric                |      |   |                |             |  |  |
| <b>Number of Air Aspiration Devices</b>      | --                                                                                                                                                                      | <b>Air Aspiration Device Configuration</b>            | --                      |      |   |                |             |  |  |
| <b>Charge Air Cooler Type</b>                | --                                                                                                                                                                      | <b>Drive Mode While Testing</b>                       | Part-time 4-Wheel Drive |      |   |                |             |  |  |
| <b>Shift Indicator Light Usage</b>           | Not equipped                                                                                                                                                            | <b>Aged Emission Components</b>                       | 4,000 (mi)              |      |   |                |             |  |  |
| <b>Curb Weight (lbs)</b>                     | 6904                                                                                                                                                                    | <b>Equivalent Test Weight (pounds)</b>                | 7000                    |      |   |                |             |  |  |
| <b>GVWR (lbs)</b>                            | --                                                                                                                                                                      | <b>N/V Ratio</b>                                      | 999.9                   |      |   |                |             |  |  |
| <b>Axle Ratio</b>                            | 9.99                                                                                                                                                                    |                                                       |                         |      |   |                |             |  |  |
| <b>Transmission Type</b>                     | Automatic                                                                                                                                                               | <b># of Transmission Gears</b>                        | 1                       |      |   |                |             |  |  |
| <b>Transmission Lockup</b>                   | No                                                                                                                                                                      | <b>Creep Gear</b>                                     | No                      |      |   |                |             |  |  |

## Certification Summary Information Report

|                                    |                                                                                                                                                   |             |                |                              |             |                |                                                                                  |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------|------------------------------|-------------|----------------|----------------------------------------------------------------------------------|
| Test Group                         | PRIVT00.0194                                                                                                                                      |             |                | Evaporative/Refueling Family |             |                | --                                                                               |
| Dynamometer Coefficients:          |                                                                                                                                                   |             |                |                              |             |                |                                                                                  |
| Target Coefficients                |                                                                                                                                                   |             |                | Set Coefficients             |             |                | EPA Calculated Total Road Load Horse Power for<br>City/Highway/Evap Coefficients |
| Coefficient<br>Category            | A (lbf)                                                                                                                                           | B (lbf/mph) | C (lbf/mph**2) | A (lbf)                      | B (lbf/mph) | C (lbf/mph**2) |                                                                                  |
| City/Highway/Evap                  | 63.11                                                                                                                                             | 0.2806      | 0.03086        | -5.27                        | -0.0653     | 0.02988        | 20.6                                                                             |
| Cold CO                            | 69.42                                                                                                                                             | 0.3087      | 0.03395        | -18.28                       | -0.1658     | 0.03324        | N/A                                                                              |
| US06                               | 63.11                                                                                                                                             | 0.2806      | 0.03086        | -5.27                        | -0.0653     | 0.02988        | N/A                                                                              |
| Emission Control Device Comments   | Battery Electric Vehicle                                                                                                                          |             |                |                              |             |                |                                                                                  |
| Manufacturer Test Vehicle Comments | All-Purpose drive mode configuration N/V Ratio and Axle Ratio entered above are placeholders Actual Values: N/V Ratio: 128.75, Axle Ratio: 12.6:1 |             |                |                              |             |                |                                                                                  |

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|                                                |                                        |                                       |                                             |
|------------------------------------------------|----------------------------------------|---------------------------------------|---------------------------------------------|
| <b>Test Group</b>                              | PRIVT00.0194                           | <b>Evaporative/Refueling Family</b>   | --                                          |
| <b>Test #</b>                                  | <b>PRIV10077376</b>                    | <b>Test Procedure</b>                 | <b>2 - CVS 75 and later (w/o can. load)</b> |
| <b>Exhaust Test # for this Evap Test</b>       | --                                     | <b>Test Fuel Type</b>                 | 62 - Electricity                            |
| <b>Test Date</b>                               | 09/21/2022                             | <b>Fuel</b>                           | Electricity                                 |
| <b>Fuel Batch ID</b>                           | --                                     | <b>Fuel Calibration Number</b>        | --                                          |
| <b>Vehicle Class</b>                           | MDPV (Federal Tier 2, GVWR 8501-10000) | <b>DF Type</b>                        | EPA Assigned                                |
| <b>Verify Test Lab ID</b>                      | FEV Michigan                           |                                       |                                             |
| <b>E10 Evaporative Test Measurement Method</b> | --                                     |                                       |                                             |
| <b>Test Start Odometer Reading</b>             | 7243                                   | <b>Odometer Units</b>                 | M                                           |
| <b>4WD Test Dyno</b>                           | Yes                                    | <b>Diesel Adjustment Factor Usage</b> | --                                          |
| <b>State of Charge Delta</b>                   | Yes                                    |                                       |                                             |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 86 (+/- 2 mph, +/- 1 sec)    | <b>Road Speed Fan Usage</b>           | Yes                                         |

## Test Results

| Test Result Name                                   | Unrounded Test Result | Verify Calculated FE Equivalent Value<br>(kilowatt-hour per 100 miles) |
|----------------------------------------------------|-----------------------|------------------------------------------------------------------------|
| METHANE (CH4 - Methane)                            | 0                     | --                                                                     |
| CO (Carbon Monoxide)                               | 0                     | --                                                                     |
| DT-ASCR (Drive Trace Absolute Speed Change Rating) | -1.94                 | --                                                                     |
| DT-EER (Drive Trace Energy Economy Rating)         | -0.88                 | --                                                                     |
| DT-IWRR (Drive Trace Inertia Work Ratio Rating)    | -3.24                 | --                                                                     |
| MFR FE (Manufacturer Fuel Economy)                 | 33.81                 | 99.6746525                                                             |
| NOX (Nitrogen Oxide)                               | 0                     | --                                                                     |
| N2O (Nitrous Oxide)                                | 0                     | --                                                                     |
| HC-NM (Non-methane Hydrocarbon)                    | 0                     | --                                                                     |
| NMOG (Non-methane organic gases)                   | 0                     | --                                                                     |

| Test Result Name                          | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|-------------------------------------------|-----------------------|---------------------------------|
| Carbon-Related Exhaust Emissions          | 0                     | 0                               |
| Optional Carbon-Related Exhaust Emissions | 0                     | 0                               |

| Test Result Name | Unrounded Test Result | Verify Calculated CO2 |
|------------------|-----------------------|-----------------------|
| Carbon dioxide   | 0                     | --                    |

## Manufacturer Test Comments

R1S - Drive Mode: All-Purpose with 20" Tires. Cycle 1: 379.58 Wh/mi, Cycle 2: 316.90 Wh/mi, Cycle 3: 359.43 Wh/mi, Cycle 4: 300.83 Wh/mi.

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| Test Group           |               | PRIVT00.0194         |               | Evaporative/Refueling Family |     |                  |                          | --     |         |                     |          |           |
|----------------------|---------------|----------------------|---------------|------------------------------|-----|------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| Certification Region | Useful Life   | Standard Level       | Emission Name | Rounded Result               | RAF | NMOG/NM HC Ratio | Diesel Adjustment Factor | Add DF | Mult DF | Certification Level | Standard | Pass/Fail |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CO            | 0                            | --  | --               | --                       | 0      | --      | 0                   | 0        | Pass      |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0                            | --  | --               | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CO            | 0                            | --  | --               | --                       | 0      | --      | 0                   | 0        | Pass      |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0                            | --  | --               | --                       | 0      | --      | 0                   | --       | --        |

**NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.**

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|                                                |                                        |                                       |                  |
|------------------------------------------------|----------------------------------------|---------------------------------------|------------------|
| <b>Test Group</b>                              | PRIVT00.0194                           | <b>Evaporative/Refueling Family</b>   | --               |
| <b>Test #</b>                                  | <b>PRIV10077378</b>                    | <b>Test Procedure</b>                 | <b>3 - HWFE</b>  |
| <b>Exhaust Test # for this Evap Test</b>       | --                                     | <b>Test Fuel Type</b>                 | 62 - Electricity |
| <b>Test Date</b>                               | 09/21/2022                             | <b>Fuel</b>                           | Electricity      |
| <b>Fuel Batch ID</b>                           | --                                     | <b>Fuel Calibration Number</b>        | --               |
| <b>Vehicle Class</b>                           | MDPV (Federal Tier 2, GVWR 8501-10000) | <b>DF Type</b>                        | EPA Assigned     |
| <b>Verify Test Lab ID</b>                      | FEV Michigan                           |                                       |                  |
| <b>E10 Evaporative Test Measurement Method</b> | --                                     |                                       |                  |
| <b>Test Start Odometer Reading</b>             | 7243                                   | <b>Odometer Units</b>                 | M                |
| <b>4WD Test Dyno</b>                           | Yes                                    | <b>Diesel Adjustment Factor Usage</b> | --               |
| <b>State of Charge Delta</b>                   | Yes                                    |                                       |                  |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 86 (+/- 2 mph, +/- 1 sec)    | <b>Road Speed Fan Usage</b>           | Yes              |

## Test Results

| Test Result Name                                          | Unrounded Test Result | Verify Calculated FE Equivalent Value<br>(kilowatt-hour per 100 miles) |
|-----------------------------------------------------------|-----------------------|------------------------------------------------------------------------|
| <b>METHANE (CH4 - Methane)</b>                            | 0                     | --                                                                     |
| <b>CO (Carbon Monoxide)</b>                               | 0                     | --                                                                     |
| <b>DT-ASCR (Drive Trace Absolute Speed Change Rating)</b> | -3.54                 | --                                                                     |
| <b>DT-EER (Drive Trace Energy Economy Rating)</b>         | -0.39                 | --                                                                     |
| <b>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</b>    | -4.51                 | --                                                                     |
| <b>MFR FE (Manufacturer Fuel Economy)</b>                 | 37.32                 | 90.3001072                                                             |
| <b>NOX (Nitrogen Oxide)</b>                               | 0                     | --                                                                     |
| <b>N2O (Nitrous Oxide)</b>                                | 0                     | --                                                                     |
| <b>HC-NM (Non-methane Hydrocarbon)</b>                    | 0                     | --                                                                     |
| <b>NMOG (Non-methane organic gases)</b>                   | 0                     | --                                                                     |

| Test Result Name                                 | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|--------------------------------------------------|-----------------------|---------------------------------|
| <b>Carbon-Related Exhaust Emissions</b>          | 0                     | 0                               |
| <b>Optional Carbon-Related Exhaust Emissions</b> | 0                     | 0                               |

| Test Result Name      | Unrounded Test Result | Verify Calculated CO2 |
|-----------------------|-----------------------|-----------------------|
| <b>Carbon dioxide</b> | 0                     | --                    |

## Manufacturer Test Comments

R1S - Drive Mode: All-Purpose with 20" Tires. Cycle 1: 373.24 Wh/mi

## Certification Summary Information Report

| Test Group           |               | PRIVT00.0194         |               |                | Evaporative/Refueling Family |                  |                          |        |         | --                  |          |           |
|----------------------|---------------|----------------------|---------------|----------------|------------------------------|------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| Certification Region | Useful Life   | Standard Level       | Emission Name | Rounded Result | RAF                          | NMOG/NM HC Ratio | Diesel Adjustment Factor | Add DF | Mult DF | Certification Level | Standard | Pass/Fail |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CO            | 0              | --                           | --               | --                       | 0      | --      | 0                   | 0        | Pass      |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CO            | 0              | --                           | --               | --                       | 0      | --      | 0                   | 0        | Pass      |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |

**NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.**

## Certification Summary Information Report

|                                                |                                     |                                       |                  |
|------------------------------------------------|-------------------------------------|---------------------------------------|------------------|
| <b>Test Group</b>                              | PRIVT00.0194                        | <b>Evaporative/Refueling Family</b>   | --               |
| <b>Test #</b>                                  | <b>PRIV10077379</b>                 | <b>Test Procedure</b>                 | <b>90 - US06</b> |
| <b>Exhaust Test # for this Evap Test</b>       | --                                  | <b>Test Fuel Type</b>                 | 62 - Electricity |
| <b>Test Date</b>                               | 09/20/2022                          | <b>Fuel</b>                           | N/A              |
| <b>Fuel Batch ID</b>                           | --                                  | <b>Fuel Calibration Number</b>        | --               |
| <b>Vehicle Class</b>                           | N/A                                 | <b>DF Type</b>                        | EPA Assigned     |
| <b>Verify Test Lab ID</b>                      | FEV Michigan                        |                                       |                  |
| <b>E10 Evaporative Test Measurement Method</b> | --                                  |                                       |                  |
| <b>Test Start Odometer Reading</b>             | 7219                                | <b>Odometer Units</b>                 | M                |
| <b>4WD Test Dyno</b>                           | Yes                                 | <b>Diesel Adjustment Factor Usage</b> | --               |
| <b>State of Charge Delta</b>                   | Yes                                 |                                       |                  |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 86 (+/- 2 mph, +/- 1 sec) | <b>Road Speed Fan Usage</b>           | Yes              |

## Test Results

| Test Result Name                                   | Unrounded Test Result | Verify Calculated FE Equivalent Value<br>(kilowatt-hour per 100 miles) |
|----------------------------------------------------|-----------------------|------------------------------------------------------------------------|
| METHANE (CH4 - Methane)                            | 0                     | --                                                                     |
| CO (Carbon Monoxide)                               | 0                     | --                                                                     |
| DT-ASCR (Drive Trace Absolute Speed Change Rating) | 1.96                  | --                                                                     |
| DT-EER (Drive Trace Energy Economy Rating)         | 0.41                  | --                                                                     |
| DT-IWRR (Drive Trace Inertia Work Ratio Rating)    | 2.84                  | --                                                                     |
| MFR FE (Manufacturer Fuel Economy)                 | 48.85                 | 68.986694                                                              |
| NOX (Nitrogen Oxide)                               | 0                     | --                                                                     |
| N2O (Nitrous Oxide)                                | 0                     | --                                                                     |
| HC-NM (Non-methane Hydrocarbon)                    | 0                     | --                                                                     |
| NMOG (Non-methane organic gases)                   | 0                     | --                                                                     |

| Test Result Name                          | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|-------------------------------------------|-----------------------|---------------------------------|
| Carbon-Related Exhaust Emissions          | 0                     | --                              |
| Optional Carbon-Related Exhaust Emissions | 0                     | --                              |

| Test Result Name | Unrounded Test Result | Verify Calculated CO2 |
|------------------|-----------------------|-----------------------|
| Carbon dioxide   | 0                     | --                    |

## Manufacturer Test Comments

R1S - Drive Mode: All-Purpose with 20" Tires. Cycle 1 (City1): 454.01 Wh/mi, Cycle 2 (HWY): 493.53 Wh/mi, Cycle 3 (City2): 514.47 Wh/mi

## Certification Summary Information Report

|                                                |                                     |                                       |                  |
|------------------------------------------------|-------------------------------------|---------------------------------------|------------------|
| <b>Test Group</b>                              | PRIVT00.0194                        | <b>Evaporative/Refueling Family</b>   | --               |
| <b>Test #</b>                                  | <b>PRIV10077380</b>                 | <b>Test Procedure</b>                 | <b>95 - SC03</b> |
| <b>Exhaust Test # for this Evap Test</b>       | --                                  | <b>Test Fuel Type</b>                 | 62 - Electricity |
| <b>Test Date</b>                               | 09/20/2022                          | <b>Fuel</b>                           | N/A              |
| <b>Fuel Batch ID</b>                           | --                                  | <b>Fuel Calibration Number</b>        | --               |
| <b>Vehicle Class</b>                           | N/A                                 | <b>DF Type</b>                        | EPA Assigned     |
| <b>Verify Test Lab ID</b>                      | FEV Michigan                        |                                       |                  |
| <b>E10 Evaporative Test Measurement Method</b> | --                                  |                                       |                  |
| <b>Test Start Odometer Reading</b>             | 7235                                | <b>Odometer Units</b>                 | M                |
| <b>4WD Test Dyno</b>                           | Yes                                 | <b>Diesel Adjustment Factor Usage</b> | --               |
| <b>State of Charge Delta</b>                   | Yes                                 |                                       |                  |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 86 (+/- 2 mph, +/- 1 sec) | <b>Road Speed Fan Usage</b>           | Yes              |

## Test Results

| Test Result Name                                          | Unrounded Test Result | Verify Calculated FE Equivalent Value<br>(kilowatt-hour per 100 miles) |
|-----------------------------------------------------------|-----------------------|------------------------------------------------------------------------|
| <b>METHANE (CH4 - Methane)</b>                            | 0                     | --                                                                     |
| <b>CO (Carbon Monoxide)</b>                               | 0                     | --                                                                     |
| <b>DT-ASCR (Drive Trace Absolute Speed Change Rating)</b> | -0.78                 | --                                                                     |
| <b>DT-EER (Drive Trace Energy Economy Rating)</b>         | 0.93                  | --                                                                     |
| <b>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</b>    | -1.17                 | --                                                                     |
| <b>MFR FE (Manufacturer Fuel Economy)</b>                 | 37.22                 | 90.542719                                                              |
| <b>NOX (Nitrogen Oxide)</b>                               | 0                     | --                                                                     |
| <b>N2O (Nitrous Oxide)</b>                                | 0                     | --                                                                     |
| <b>HC-NM (Non-methane Hydrocarbon)</b>                    | 0                     | --                                                                     |
| <b>NMOG (Non-methane organic gases)</b>                   | 0                     | --                                                                     |

| Test Result Name                                 | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|--------------------------------------------------|-----------------------|---------------------------------|
| <b>Carbon-Related Exhaust Emissions</b>          | 0                     | --                              |
| <b>Optional Carbon-Related Exhaust Emissions</b> | 0                     | --                              |

| Test Result Name      | Unrounded Test Result | Verify Calculated CO2 |
|-----------------------|-----------------------|-----------------------|
| <b>Carbon dioxide</b> | 0                     | --                    |

## Manufacturer Test Comments

R1S - Drive Mode: All-Purpose with 20" Tires. Cycle 1: 372.19 Wh/mi

## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PRIVT00.0194                             | <b>Evaporative/Refueling Family</b>           | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----------------------------------------------|-----------------------------------|------------------------------|---------------------------|-----------------------|---|----------------------------------|---|---|------------------------------------------|-------|---|-----------------------------------|-------|---|---------------------------------------|-------|----|---------------------------|-------|
| <b>Test #</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>PRIV10077374</b>                      | <b>Test Procedure</b>                         | <b>81 - Charge Depleting UDDS</b> |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | --                                       | <b>Test Fuel Type</b>                         | 62 - Electricity                  |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Test Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 09/15/2022                               | <b>Fuel</b>                                   | Electricity                       |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Fuel Batch ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | --                                       | <b>Fuel Calibration Number</b>                | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Vehicle Class</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MDPV (Federal Tier 2, GVWR 8501-10000)   | <b>DF Type</b>                                | EPA Assigned                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Verify Test Lab ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FEV Michigan                             |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | --                                       |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 6745                                     | <b>Odometer Units</b>                         | M                                 |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>4WD Test Dyno</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Yes                                      | <b>Diesel Adjustment Factor Usage</b>         | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>State of Charge Delta</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Yes                                      |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Drive Cycle Speed Tolerance Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Used Part 86 (+/- 2 mph, +/- 1 sec)      | <b>Road Speed Fan Usage</b>                   | Yes                               |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>PHEV/EV Charge Depleting Test Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Recharge Event Voltage</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 240                                      | <b>Recharge Event Energy (kiloWatt-hours)</b> | 149.95                            |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Range (Calculated miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 398.48                                   | <b>Charge Depleting Range (Actual miles)</b>  | 398.48                            |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>All Electric Range Unadjusted (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | --                                       | <b>Derived 5-Cycle Coefficient Model Year</b> | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Equivalent All Electric Range (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 398.48                                   |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Number of Charge Depleting Bags/Phases Conducted</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4                                        | <b>Transition Bag/Phase Number</b>            | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>2</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>-0.14</td> </tr> <tr> <td>3</td> <td>Drive Trace Energy Economy Rating</td> <td>0.03</td> </tr> <tr> <td>4</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-0.01</td> </tr> <tr> <td>5</td> <td>Manufacturer Fuel Economy</td> <td>31.61</td> </tr> </tbody> </table>   |                                          |                                               |                                   | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 1 | Carbon-Related Exhaust Emissions | 0 | 2 | Drive Trace Absolute Speed Change Rating | -0.14 | 3 | Drive Trace Energy Economy Rating | 0.03  | 4 | Drive Trace Inertia Work Ratio Rating | -0.01 | 5  | Manufacturer Fuel Economy | 31.61 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Test Result/Emission Name                | Unrounded Test Result                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Carbon-Related Exhaust Emissions         | 0                                             |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Absolute Speed Change Rating | -0.14                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Energy Economy Rating        | 0.03                                          |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Inertia Work Ratio Rating    | -0.01                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Manufacturer Fuel Economy                | 31.61                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
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| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Test Result/Emission Name                | Unrounded Test Result                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Carbon-Related Exhaust Emissions         | 0                                             |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Absolute Speed Change Rating | -2.39                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Energy Economy Rating        | -1.74                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Inertia Work Ratio Rating    | -3.64                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Manufacturer Fuel Economy                | 32.97                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |

## Certification Summary Information Report

| Test Group                   |                                          | PRIVT00.0194                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |               | Evaporative/Refueling Family                                                                                                                                       |                           | --                    |                          |                                  |         |                     |                                          |           |         |                                   |          |           |                                       |               |                      |                           |       |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |  |  |
|------------------------------|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----------------------|--------------------------|----------------------------------|---------|---------------------|------------------------------------------|-----------|---------|-----------------------------------|----------|-----------|---------------------------------------|---------------|----------------------|---------------------------|-------|----|----|----|---|----|---|----|----|-----|---------------|----------------------|------|---|----|----|----|---|----|---|----|----|-----|---------------|----------------------|------|---|----|----|----|---|----|---|----|----|-----|---------------|----------------------|------|---|----|----|----|---|----|---|----|----|----|---------------|----------------|------|---|----|----|----|---|----|---|----|----|----|---------------|----------------|------|---|----|----|----|---|----|---|----|----|----|---------------|----------------|------|---|----|----|----|---|----|---|----|----|----|---------------|----------------|------|---|----|----|----|---|----|---|----|----|--|--|
|                              |                                          | <table><tr><th>Charge Depleting Bag/Phase #</th><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>11</td><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>12</td><td>Drive Trace Absolute Speed Change Rating</td><td>-1.32</td></tr><tr><td>13</td><td>Drive Trace Energy Economy Rating</td><td>-0.55</td></tr><tr><td>14</td><td>Drive Trace Inertia Work Ratio Rating</td><td>-1.73</td></tr><tr><td>15</td><td>Manufacturer Fuel Economy</td><td>31.66</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               | Charge Depleting Bag/Phase #                                                                                                                                       | Test Result/Emission Name | Unrounded Test Result | 11                       | Carbon-Related Exhaust Emissions | 0       | 12                  | Drive Trace Absolute Speed Change Rating | -1.32     | 13      | Drive Trace Energy Economy Rating | -0.55    | 14        | Drive Trace Inertia Work Ratio Rating | -1.73         | 15                   | Manufacturer Fuel Economy | 31.66 |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |  |  |
| Charge Depleting Bag/Phase # | Test Result/Emission Name                | Unrounded Test Result                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                                                                                                                                                                    |                           |                       |                          |                                  |         |                     |                                          |           |         |                                   |          |           |                                       |               |                      |                           |       |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |  |  |
| 11                           | Carbon-Related Exhaust Emissions         | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |               |                                                                                                                                                                    |                           |                       |                          |                                  |         |                     |                                          |           |         |                                   |          |           |                                       |               |                      |                           |       |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |  |  |
| 12                           | Drive Trace Absolute Speed Change Rating | -1.32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                                                                                                                                                                    |                           |                       |                          |                                  |         |                     |                                          |           |         |                                   |          |           |                                       |               |                      |                           |       |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |  |  |
| 13                           | Drive Trace Energy Economy Rating        | -0.55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                                                                                                                                                                    |                           |                       |                          |                                  |         |                     |                                          |           |         |                                   |          |           |                                       |               |                      |                           |       |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |  |  |
| 14                           | Drive Trace Inertia Work Ratio Rating    | -1.73                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                                                                                                                                                                    |                           |                       |                          |                                  |         |                     |                                          |           |         |                                   |          |           |                                       |               |                      |                           |       |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |  |  |
| 15                           | Manufacturer Fuel Economy                | 31.66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                                                                                                                                                                    |                           |                       |                          |                                  |         |                     |                                          |           |         |                                   |          |           |                                       |               |                      |                           |       |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |  |  |
|                              |                                          | Charge Depleting Bag/Phase                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                                                                                                                                                                    |                           |                       |                          |                                  |         |                     |                                          |           |         |                                   |          |           |                                       |               |                      |                           |       |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |  |  |
|                              |                                          | <table><tr><th>Charge Depleting Bag/Phase #</th><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>16</td><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>17</td><td>Drive Trace Absolute Speed Change Rating</td><td>-0.94</td></tr><tr><td>18</td><td>Drive Trace Energy Economy Rating</td><td>-0.33</td></tr><tr><td>19</td><td>Drive Trace Inertia Work Ratio Rating</td><td>-1.33</td></tr><tr><td>20</td><td>Manufacturer Fuel Economy</td><td>35.58</td></tr></table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |               | Charge Depleting Bag/Phase #                                                                                                                                       | Test Result/Emission Name | Unrounded Test Result | 16                       | Carbon-Related Exhaust Emissions | 0       | 17                  | Drive Trace Absolute Speed Change Rating | -0.94     | 18      | Drive Trace Energy Economy Rating | -0.33    | 19        | Drive Trace Inertia Work Ratio Rating | -1.33         | 20                   | Manufacturer Fuel Economy | 35.58 |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |  |  |
| Charge Depleting Bag/Phase # | Test Result/Emission Name                | Unrounded Test Result                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                                                                                                                                                                    |                           |                       |                          |                                  |         |                     |                                          |           |         |                                   |          |           |                                       |               |                      |                           |       |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |  |  |
| 16                           | Carbon-Related Exhaust Emissions         | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |               |                                                                                                                                                                    |                           |                       |                          |                                  |         |                     |                                          |           |         |                                   |          |           |                                       |               |                      |                           |       |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |  |  |
| 17                           | Drive Trace Absolute Speed Change Rating | -0.94                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                                                                                                                                                                    |                           |                       |                          |                                  |         |                     |                                          |           |         |                                   |          |           |                                       |               |                      |                           |       |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |  |  |
| 18                           | Drive Trace Energy Economy Rating        | -0.33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                                                                                                                                                                    |                           |                       |                          |                                  |         |                     |                                          |           |         |                                   |          |           |                                       |               |                      |                           |       |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |  |  |
| 19                           | Drive Trace Inertia Work Ratio Rating    | -1.33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                                                                                                                                                                    |                           |                       |                          |                                  |         |                     |                                          |           |         |                                   |          |           |                                       |               |                      |                           |       |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |  |  |
| 20                           | Manufacturer Fuel Economy                | 35.58                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               |                                                                                                                                                                    |                           |                       |                          |                                  |         |                     |                                          |           |         |                                   |          |           |                                       |               |                      |                           |       |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |  |  |
|                              |                                          | Manufacturer Test Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               | R1S - Drive Mode: All-Purpose with 20" Tires. Cycle 1: 355.76 Wh/mi, Cycle 2: 329.74 Wh/mi, Cycle 3: 316.13 Wh/mi, Cycle 4: 316.63 Wh/mi. MCT Energy: 128133.26 Wh |                           |                       |                          |                                  |         |                     |                                          |           |         |                                   |          |           |                                       |               |                      |                           |       |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |  |  |
|                              |                                          | <table><tr><th>Certification Region</th><th>Useful Life</th><th>Standard Level</th><th>Emission Name</th><th>Rounded Result</th><th>RAF</th><th>NMOG/NM HC Ratio</th><th>Diesel Adjustment Factor</th><th>Add DF</th><th>Mult DF</th><th>Certification Level</th><th>Standard</th><th>Pass/Fail</th></tr><tr><td>Fed</td><td>150,000 miles</td><td>Federal Tier 3 Bin 0</td><td>CREE</td><td>0</td><td>--</td><td>--</td><td>--</td><td>0</td><td>--</td><td>0</td><td>--</td><td>--</td></tr><tr><td>Fed</td><td>150,000 miles</td><td>Federal Tier 3 Bin 0</td><td>CREE</td><td>0</td><td>--</td><td>--</td><td>--</td><td>0</td><td>--</td><td>0</td><td>--</td><td>--</td></tr><tr><td>Fed</td><td>150,000 miles</td><td>Federal Tier 3 Bin 0</td><td>CREE</td><td>0</td><td>--</td><td>--</td><td>--</td><td>0</td><td>--</td><td>0</td><td>--</td><td>--</td></tr><tr><td>Fed</td><td>150,000 miles</td><td>Federal Tier 3 Bin 0</td><td>CREE</td><td>0</td><td>--</td><td>--</td><td>--</td><td>0</td><td>--</td><td>0</td><td>--</td><td>--</td></tr><tr><td>CA</td><td>120,000 miles</td><td>California ZEV</td><td>CREE</td><td>0</td><td>--</td><td>--</td><td>--</td><td>0</td><td>--</td><td>0</td><td>--</td><td>--</td></tr><tr><td>CA</td><td>120,000 miles</td><td>California ZEV</td><td>CREE</td><td>0</td><td>--</td><td>--</td><td>--</td><td>0</td><td>--</td><td>0</td><td>--</td><td>--</td></tr><tr><td>CA</td><td>120,000 miles</td><td>California ZEV</td><td>CREE</td><td>0</td><td>--</td><td>--</td><td>--</td><td>0</td><td>--</td><td>0</td><td>--</td><td>--</td></tr><tr><td>CA</td><td>120,000 miles</td><td>California ZEV</td><td>CREE</td><td>0</td><td>--</td><td>--</td><td>--</td><td>0</td><td>--</td><td>0</td><td>--</td><td>--</td></tr></table> |               | Certification Region                                                                                                                                               | Useful Life               | Standard Level        | Emission Name            | Rounded Result                   | RAF     | NMOG/NM HC Ratio    | Diesel Adjustment Factor                 | Add DF    | Mult DF | Certification Level               | Standard | Pass/Fail | Fed                                   | 150,000 miles | Federal Tier 3 Bin 0 | CREE                      | 0     | -- | -- | -- | 0 | -- | 0 | -- | -- | Fed | 150,000 miles | Federal Tier 3 Bin 0 | CREE | 0 | -- | -- | -- | 0 | -- | 0 | -- | -- | Fed | 150,000 miles | Federal Tier 3 Bin 0 | CREE | 0 | -- | -- | -- | 0 | -- | 0 | -- | -- | Fed | 150,000 miles | Federal Tier 3 Bin 0 | CREE | 0 | -- | -- | -- | 0 | -- | 0 | -- | -- | CA | 120,000 miles | California ZEV | CREE | 0 | -- | -- | -- | 0 | -- | 0 | -- | -- | CA | 120,000 miles | California ZEV | CREE | 0 | -- | -- | -- | 0 | -- | 0 | -- | -- | CA | 120,000 miles | California ZEV | CREE | 0 | -- | -- | -- | 0 | -- | 0 | -- | -- | CA | 120,000 miles | California ZEV | CREE | 0 | -- | -- | -- | 0 | -- | 0 | -- | -- |  |  |
| Certification Region         | Useful Life                              | Standard Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Emission Name | Rounded Result                                                                                                                                                     | RAF                       | NMOG/NM HC Ratio      | Diesel Adjustment Factor | Add DF                           | Mult DF | Certification Level | Standard                                 | Pass/Fail |         |                                   |          |           |                                       |               |                      |                           |       |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |  |  |
| Fed                          | 150,000 miles                            | Federal Tier 3 Bin 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CREE          | 0                                                                                                                                                                  | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |         |                                   |          |           |                                       |               |                      |                           |       |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |  |  |
| Fed                          | 150,000 miles                            | Federal Tier 3 Bin 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CREE          | 0                                                                                                                                                                  | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |         |                                   |          |           |                                       |               |                      |                           |       |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |  |  |
| Fed                          | 150,000 miles                            | Federal Tier 3 Bin 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CREE          | 0                                                                                                                                                                  | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |         |                                   |          |           |                                       |               |                      |                           |       |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |  |  |
| Fed                          | 150,000 miles                            | Federal Tier 3 Bin 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | CREE          | 0                                                                                                                                                                  | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |         |                                   |          |           |                                       |               |                      |                           |       |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |  |  |
| CA                           | 120,000 miles                            | California ZEV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CREE          | 0                                                                                                                                                                  | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |         |                                   |          |           |                                       |               |                      |                           |       |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |  |  |
| CA                           | 120,000 miles                            | California ZEV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CREE          | 0                                                                                                                                                                  | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |         |                                   |          |           |                                       |               |                      |                           |       |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |  |  |
| CA                           | 120,000 miles                            | California ZEV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CREE          | 0                                                                                                                                                                  | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |         |                                   |          |           |                                       |               |                      |                           |       |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |  |  |
| CA                           | 120,000 miles                            | California ZEV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CREE          | 0                                                                                                                                                                  | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |         |                                   |          |           |                                       |               |                      |                           |       |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |     |               |                      |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |    |               |                |      |   |    |    |    |   |    |   |    |    |  |  |

## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PRIVT00.0194                                                                                                         | <b>Evaporative/Refueling Family</b>           | --                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------------|------------------------------|---------------------------|-----------------------|---|----------------------------------|---|---|------------------------------------------|-------|---|-----------------------------------|-------|---|---------------------------------------|-------|----|---------------------------|-------|
| <b>Test #</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>PRIV10077377</b>                                                                                                  | <b>Test Procedure</b>                         | <b>84 - Charge Depleting Highway</b> |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | --                                                                                                                   | <b>Test Fuel Type</b>                         | 62 - Electricity                     |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Test Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 09/15/2022                                                                                                           | <b>Fuel</b>                                   | Electricity                          |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Fuel Batch ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | --                                                                                                                   | <b>Fuel Calibration Number</b>                | --                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Vehicle Class</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MDPV (Federal Tier 2, GVWR 8501-10000)                                                                               | <b>DF Type</b>                                | EPA Assigned                         |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Verify Test Lab ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FEV Michigan                                                                                                         |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | --                                                                                                                   |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 6745                                                                                                                 | <b>Odometer Units</b>                         | M                                    |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>4WD Test Dyno</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Yes                                                                                                                  | <b>Diesel Adjustment Factor Usage</b>         | --                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>State of Charge Delta</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Yes                                                                                                                  |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Drive Cycle Speed Tolerance Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Used Part 86 (+/- 2 mph, +/- 1 sec)                                                                                  | <b>Road Speed Fan Usage</b>                   | Yes                                  |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>PHEV/EV Charge Depleting Test Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                      |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Recharge Event Voltage</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 240                                                                                                                  | <b>Recharge Event Energy (kiloWatt-hours)</b> | 149.95                               |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Range (Calculated miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 340.91                                                                                                               | <b>Charge Depleting Range (Actual miles)</b>  | 340.91                               |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>All Electric Range Unadjusted (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | --                                                                                                                   | <b>Derived 5-Cycle Coefficient Model Year</b> | --                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Equivalent All Electric Range (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 340.91                                                                                                               |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Number of Charge Depleting Bags/Phases Conducted</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2                                                                                                                    | <b>Transition Bag/Phase Number</b>            | --                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                      |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>2</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>-1.13</td> </tr> <tr> <td>3</td> <td>Drive Trace Energy Economy Rating</td> <td>-0.36</td> </tr> <tr> <td>4</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-1.71</td> </tr> <tr> <td>5</td> <td>Manufacturer Fuel Economy</td> <td>38.39</td> </tr> </tbody> </table>  |                                                                                                                      |                                               |                                      | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 1 | Carbon-Related Exhaust Emissions | 0 | 2 | Drive Trace Absolute Speed Change Rating | -1.13 | 3 | Drive Trace Energy Economy Rating | -0.36 | 4 | Drive Trace Inertia Work Ratio Rating | -1.71 | 5  | Manufacturer Fuel Economy | 38.39 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Test Result/Emission Name                                                                                            | Unrounded Test Result                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Carbon-Related Exhaust Emissions                                                                                     | 0                                             |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Absolute Speed Change Rating                                                                             | -1.13                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Energy Economy Rating                                                                                    | -0.36                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Inertia Work Ratio Rating                                                                                | -1.71                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Manufacturer Fuel Economy                                                                                            | 38.39                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                      |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>7</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>-1.46</td> </tr> <tr> <td>8</td> <td>Drive Trace Energy Economy Rating</td> <td>-0.15</td> </tr> <tr> <td>9</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-1.87</td> </tr> <tr> <td>10</td> <td>Manufacturer Fuel Economy</td> <td>36.78</td> </tr> </tbody> </table> |                                                                                                                      |                                               |                                      | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 6 | Carbon-Related Exhaust Emissions | 0 | 7 | Drive Trace Absolute Speed Change Rating | -1.46 | 8 | Drive Trace Energy Economy Rating | -0.15 | 9 | Drive Trace Inertia Work Ratio Rating | -1.87 | 10 | Manufacturer Fuel Economy | 36.78 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Test Result/Emission Name                                                                                            | Unrounded Test Result                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Carbon-Related Exhaust Emissions                                                                                     | 0                                             |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Absolute Speed Change Rating                                                                             | -1.46                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Energy Economy Rating                                                                                    | -0.15                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Inertia Work Ratio Rating                                                                                | -1.87                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Manufacturer Fuel Economy                                                                                            | 36.78                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Manufacturer Test Comments</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | R1S - Drive Mode: All-Purpose with 20" Tires. Cycle 1: 383.88 Wh/mi, Cycle 2: 367.83 Wh/mi. MCT Energy: 128133.26 Wh |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |

## Certification Summary Information Report

| Test Group           |               | PRIVT00.0194         |               |                |     | Evaporative/Refueling Family |                          |        |         | --                  |          |           |
|----------------------|---------------|----------------------|---------------|----------------|-----|------------------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| Certification Region | Useful Life   | Standard Level       | Emission Name | Rounded Result | RAF | NMOG/NM HC Ratio             | Diesel Adjustment Factor | Add DF | Mult DF | Certification Level | Standard | Pass/Fail |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --  | --                           | --                       | 0      | --      | 0                   | --       | --        |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --  | --                           | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0              | --  | --                           | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0              | --  | --                           | --                       | 0      | --      | 0                   | --       | --        |

## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PRIVT00.0194                             | <b>Evaporative/Refueling Family</b>           | --                                           |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----------------------------------------------|----------------------------------------------|------------------------------|---------------------------|-----------------------|---|----------------------------------|---|---|------------------------------------------|-------|---|-----------------------------------|-------|---|---------------------------------------|-------|----|---------------------------|-------|
| <b>Test #</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>PRIV10077383</b>                      | <b>Test Procedure</b>                         | <b>86 - Charge Depleting 20 Degree F FTP</b> |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | --                                       | <b>Test Fuel Type</b>                         | 62 - Electricity                             |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Test Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 09/28/2022                               | <b>Fuel</b>                                   | N/A                                          |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Fuel Batch ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | --                                       | <b>Fuel Calibration Number</b>                | --                                           |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Vehicle Class</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | N/A                                      | <b>DF Type</b>                                | EPA Assigned                                 |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Verify Test Lab ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FEV Michigan                             |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | --                                       |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 7528                                     | <b>Odometer Units</b>                         | M                                            |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>4WD Test Dyno</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Yes                                      | <b>Diesel Adjustment Factor Usage</b>         | --                                           |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>State of Charge Delta</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Yes                                      |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Drive Cycle Speed Tolerance Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Used Part 86 (+/- 2 mph, +/- 1 sec)      | <b>Road Speed Fan Usage</b>                   | Yes                                          |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>PHEV/EV Charge Depleting Test Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Recharge Event Voltage</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 240                                      | <b>Recharge Event Energy (kiloWatt-hours)</b> | 149.95                                       |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Range (Calculated miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 111.79                                   | <b>Charge Depleting Range (Actual miles)</b>  | 111.79                                       |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>All Electric Range Unadjusted (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | --                                       | <b>Derived 5-Cycle Coefficient Model Year</b> | --                                           |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Equivalent All Electric Range (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 111.79                                   |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Number of Charge Depleting Bags/Phases Conducted</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3                                        | <b>Transition Bag/Phase Number</b>            | --                                           |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                          |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
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| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Test Result/Emission Name                | Unrounded Test Result                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Carbon-Related Exhaust Emissions         | 0                                             |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Absolute Speed Change Rating | -0.07                                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Energy Economy Rating        | -0.07                                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Inertia Work Ratio Rating    | -0.22                                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Manufacturer Fuel Economy                | 46.94                                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                          |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
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| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Test Result/Emission Name                | Unrounded Test Result                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Carbon-Related Exhaust Emissions         | 0                                             |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Absolute Speed Change Rating | 1.25                                          |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Energy Economy Rating        | 0.34                                          |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Inertia Work Ratio Rating    | 1.63                                          |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Manufacturer Fuel Economy                | 74.24                                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                          |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |

## Certification Summary Information Report

| Test Group                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PRIVT00.0194                                                                                                   | Evaporative/Refueling Family | -- |                              |                           |                       |    |                                  |   |    |                                          |       |    |                                   |       |    |                                       |       |    |                           |       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------|----|------------------------------|---------------------------|-----------------------|----|----------------------------------|---|----|------------------------------------------|-------|----|-----------------------------------|-------|----|---------------------------------------|-------|----|---------------------------|-------|
| <table><tr><th>Charge Depleting Bag/Phase #</th><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>11</td><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>12</td><td>Drive Trace Absolute Speed Change Rating</td><td>-0.02</td></tr><tr><td>13</td><td>Drive Trace Energy Economy Rating</td><td>-0.16</td></tr><tr><td>14</td><td>Drive Trace Inertia Work Ratio Rating</td><td>-0.16</td></tr><tr><td>15</td><td>Manufacturer Fuel Economy</td><td>53.75</td></tr></table> |                                                                                                                |                              |    | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 11 | Carbon-Related Exhaust Emissions | 0 | 12 | Drive Trace Absolute Speed Change Rating | -0.02 | 13 | Drive Trace Energy Economy Rating | -0.16 | 14 | Drive Trace Inertia Work Ratio Rating | -0.16 | 15 | Manufacturer Fuel Economy | 53.75 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Test Result/Emission Name                                                                                      | Unrounded Test Result        |    |                              |                           |                       |    |                                  |   |    |                                          |       |    |                                   |       |    |                                       |       |    |                           |       |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Carbon-Related Exhaust Emissions                                                                               | 0                            |    |                              |                           |                       |    |                                  |   |    |                                          |       |    |                                   |       |    |                                       |       |    |                           |       |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Drive Trace Absolute Speed Change Rating                                                                       | -0.02                        |    |                              |                           |                       |    |                                  |   |    |                                          |       |    |                                   |       |    |                                       |       |    |                           |       |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Drive Trace Energy Economy Rating                                                                              | -0.16                        |    |                              |                           |                       |    |                                  |   |    |                                          |       |    |                                   |       |    |                                       |       |    |                           |       |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Drive Trace Inertia Work Ratio Rating                                                                          | -0.16                        |    |                              |                           |                       |    |                                  |   |    |                                          |       |    |                                   |       |    |                                       |       |    |                           |       |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Manufacturer Fuel Economy                                                                                      | 53.75                        |    |                              |                           |                       |    |                                  |   |    |                                          |       |    |                                   |       |    |                                       |       |    |                           |       |
| Manufacturer Test Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | R1S - Drive Mode: All-Purpose with 20" Tires. Cycle 1: 742.40 Wh/mi, Cycle 3: 537.49 Wh/mi, CD: 469.372 Wh/mi. |                              |    |                              |                           |                       |    |                                  |   |    |                                          |       |    |                                   |       |    |                                       |       |    |                           |       |

## Certification Summary Information Report

| <b>Test Group</b>                            | PRIVT00.0194                                                                                                                                                                                                    | <b>Evaporative/Refueling Family</b>                   | --                      |      |   |                |             |  |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------|------|---|----------------|-------------|--|
| <b>Emission Data Vehicle Information</b>     |                                                                                                                                                                                                                 |                                                       |                         |      |   |                |             |  |
| <b>Vehicle ID / Configuration</b>            | R1S0054R20C / 0                                                                                                                                                                                                 | <b>Manufacturer Vehicle Configuration Number</b>      | 0                       |      |   |                |             |  |
| <b>Original Test Group Name</b>              | PRIVT00.0194                                                                                                                                                                                                    | <b>Original Evaporative/Refueling Family</b>          | --                      |      |   |                |             |  |
| <b>Original Test Vehicle Model Year</b>      | 2023                                                                                                                                                                                                            |                                                       |                         |      |   |                |             |  |
| <b>Vehicle Model</b>                         |                                                                                                                                                                                                                 |                                                       |                         |      |   |                |             |  |
| <b>Represented Test Vehicle Make</b>         | Rivian                                                                                                                                                                                                          | <b>Represented Test Vehicle Model</b>                 | R1S 20in                |      |   |                |             |  |
| <b>Leak Family Details</b>                   |                                                                                                                                                                                                                 |                                                       |                         |      |   |                |             |  |
| <b>Leak Family Identifier</b>                | --                                                                                                                                                                                                              | <b>Leak Family Name</b>                               | --                      |      |   |                |             |  |
| <b>Drive Sources and Fuel System Details</b> |                                                                                                                                                                                                                 |                                                       |                         |      |   |                |             |  |
|                                              | <table border="1"> <thead> <tr> <th>Drive Source and Fuel#</th> <th>Drive Source</th> <th>Fuel</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Electric Motor</td> <td>Electricity</td> </tr> </tbody> </table> | Drive Source and Fuel#                                | Drive Source            | Fuel | 1 | Electric Motor | Electricity |  |
| Drive Source and Fuel#                       | Drive Source                                                                                                                                                                                                    | Fuel                                                  |                         |      |   |                |             |  |
| 1                                            | Electric Motor                                                                                                                                                                                                  | Electricity                                           |                         |      |   |                |             |  |
| <b>Hybrid Indicator</b>                      | No                                                                                                                                                                                                              | <b>Multiple Fuel Combustion</b>                       | --                      |      |   |                |             |  |
| <b>Multiple Fuel Storage</b>                 | --                                                                                                                                                                                                              | <b>Rechargeable Energy Storage System Indicator</b>   | Yes                     |      |   |                |             |  |
| <b>Fuel Cell Indicator</b>                   | No                                                                                                                                                                                                              | <b>Rechargeable Energy Storage System, if 'Other'</b> | --                      |      |   |                |             |  |
| <b>Rechargeable Energy Storage System</b>    | Battery(s)                                                                                                                                                                                                      |                                                       |                         |      |   |                |             |  |
| <b>Off-board charge Capable Indicator</b>    | Yes                                                                                                                                                                                                             | <b>Odometer Correction Factor</b>                     | 1                       |      |   |                |             |  |
| <b>Odometer Correction -- Initial</b>        | 1                                                                                                                                                                                                               |                                                       |                         |      |   |                |             |  |
| <b>Odometer Correction Sign</b>              | + = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles                                                                                                                 |                                                       |                         |      |   |                |             |  |
| <b>Odometer Correction Units</b>             | Miles                                                                                                                                                                                                           |                                                       |                         |      |   |                |             |  |
| <b>Engine Code</b>                           | 132X2110X2OS                                                                                                                                                                                                    | <b>Rated Horsepower</b>                               | 872                     |      |   |                |             |  |
| <b>Displacement (liters)</b>                 | 99.999                                                                                                                                                                                                          | <b>Air Aspiration Method, if 'Other'</b>              | Electric                |      |   |                |             |  |
| <b>Air Aspiration Method</b>                 | Naturally Aspirated                                                                                                                                                                                             | <b>Air Aspiration Device Configuration</b>            | --                      |      |   |                |             |  |
| <b>Number of Air Aspiration Devices</b>      | --                                                                                                                                                                                                              | <b>Drive Mode While Testing</b>                       | Part-time 4-Wheel Drive |      |   |                |             |  |
| <b>Charge Air Cooler Type</b>                | --                                                                                                                                                                                                              | <b>Aged Emission Components</b>                       | 4,000 (mi)              |      |   |                |             |  |
| <b>Shift Indicator Light Usage</b>           | Not equipped                                                                                                                                                                                                    | <b>Equivalent Test Weight (pounds)</b>                | 7000                    |      |   |                |             |  |
| <b>Curb Weight (lbs)</b>                     | 6904                                                                                                                                                                                                            | <b>N/V Ratio</b>                                      | 999.9                   |      |   |                |             |  |
| <b>GVWR (lbs)</b>                            | --                                                                                                                                                                                                              |                                                       |                         |      |   |                |             |  |
| <b>Axle Ratio</b>                            | 9.99                                                                                                                                                                                                            | <b># of Transmission Gears</b>                        | 1                       |      |   |                |             |  |
| <b>Transmission Type</b>                     | Automatic                                                                                                                                                                                                       | <b>Creep Gear</b>                                     | No                      |      |   |                |             |  |
| <b>Transmission Lockup</b>                   | No                                                                                                                                                                                                              |                                                       |                         |      |   |                |             |  |

## Certification Summary Information Report

|                   |              |                                     |    |
|-------------------|--------------|-------------------------------------|----|
| <b>Test Group</b> | PRIVT00.0194 | <b>Evaporative/Refueling Family</b> | -- |
|-------------------|--------------|-------------------------------------|----|

  

**Dynamometer Coefficients:**

| Coefficient Category | Target Coefficients |             |                | Set Coefficients |             |                | EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients |
|----------------------|---------------------|-------------|----------------|------------------|-------------|----------------|-------------------------------------------------------------------------------|
|                      | A (lbf)             | B (lbf/mph) | C (lbf/mph**2) | A (lbf)          | B (lbf/mph) | C (lbf/mph**2) |                                                                               |
| City/Highway/Evap    | 64.11               | 0.0519      | 0.03015        | -7.66            | 0.0958      | 0.02611        | 18.9                                                                          |
| Cold CO              | 70.52               | 0.0571      | 0.03317        | -9.29            | -0.2457     | 0.03118        | N/A                                                                           |
| US06                 | 64.11               | 0.0519      | 0.03015        | -7.66            | 0.0958      | 0.02611        | N/A                                                                           |

  

|                                           |                                                                                                                                                |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Emission Control Device Comments</b>   | Battery Electric Vehicle                                                                                                                       |
| <b>Manufacturer Test Vehicle Comments</b> | Conserve drive mode configuration N/V Ratio and Axle Ratio entered above are placeholders Actual Values: N/V Ratio: 128.75, Axle Ratio: 12.6:1 |

## Certification Summary Information Report

|                                                |                                        |                                       |                                             |
|------------------------------------------------|----------------------------------------|---------------------------------------|---------------------------------------------|
| <b>Test Group</b>                              | PRIVT00.0194                           | <b>Evaporative/Refueling Family</b>   | --                                          |
| <b>Test #</b>                                  | <b>PRIV10077369</b>                    | <b>Test Procedure</b>                 | <b>2 - CVS 75 and later (w/o can. load)</b> |
| <b>Exhaust Test # for this Evap Test</b>       | --                                     | <b>Test Fuel Type</b>                 | 62 - Electricity                            |
| <b>Test Date</b>                               | 09/17/2022                             | <b>Fuel</b>                           | Electricity                                 |
| <b>Fuel Batch ID</b>                           | --                                     | <b>Fuel Calibration Number</b>        | --                                          |
| <b>Vehicle Class</b>                           | MDPV (Federal Tier 2, GVWR 8501-10000) | <b>DF Type</b>                        | EPA Assigned                                |
| <b>Verify Test Lab ID</b>                      | FEV Michigan                           |                                       |                                             |
| <b>E10 Evaporative Test Measurement Method</b> | --                                     |                                       |                                             |
| <b>Test Start Odometer Reading</b>             | 7165                                   | <b>Odometer Units</b>                 | M                                           |
| <b>4WD Test Dyno</b>                           | Yes                                    | <b>Diesel Adjustment Factor Usage</b> | --                                          |
| <b>State of Charge Delta</b>                   | Yes                                    |                                       |                                             |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 86 (+/- 2 mph, +/- 1 sec)    | <b>Road Speed Fan Usage</b>           | Yes                                         |

## Test Results

| Test Result Name                                   | Unrounded Test Result | Verify Calculated FE Equivalent Value<br>(kilowatt-hour per 100 miles) |
|----------------------------------------------------|-----------------------|------------------------------------------------------------------------|
| METHANE (CH4 - Methane)                            | 0                     | --                                                                     |
| CO (Carbon Monoxide)                               | 0                     | --                                                                     |
| DT-ASCR (Drive Trace Absolute Speed Change Rating) | 0.8                   | --                                                                     |
| DT-EER (Drive Trace Energy Economy Rating)         | 0.3                   | --                                                                     |
| DT-IWRR (Drive Trace Inertia Work Ratio Rating)    | 1.09                  | --                                                                     |
| MFR FE (Manufacturer Fuel Economy)                 | 30.91                 | 109.0262051                                                            |
| NOX (Nitrogen Oxide)                               | 0                     | --                                                                     |
| N2O (Nitrous Oxide)                                | 0                     | --                                                                     |
| HC-NM (Non-methane Hydrocarbon)                    | 0                     | --                                                                     |
| NMOG (Non-methane organic gases)                   | 0                     | --                                                                     |

| Test Result Name                          | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|-------------------------------------------|-----------------------|---------------------------------|
| Carbon-Related Exhaust Emissions          | 0                     | 0                               |
| Optional Carbon-Related Exhaust Emissions | 0                     | 0                               |

| Test Result Name | Unrounded Test Result | Verify Calculated CO2 |
|------------------|-----------------------|-----------------------|
| Carbon dioxide   | 0                     | --                    |

## Manufacturer Test Comments

R1S - Drive Mode: Conserve with 20" Tires. Cycle 1: 346.79 Wh/mi, Cycle 2: 283.23 Wh/mi, Cycle 3: 329.02 Wh/mi, Cycle 4: 281.36 Wh/mi.

## Certification Summary Information Report

| Test Group           |               | PRIVT00.0194         |               |                | Evaporative/Refueling Family |                  |                          |        |         | --                  |          |           |
|----------------------|---------------|----------------------|---------------|----------------|------------------------------|------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| Certification Region | Useful Life   | Standard Level       | Emission Name | Rounded Result | RAF                          | NMOG/NM HC Ratio | Diesel Adjustment Factor | Add DF | Mult DF | Certification Level | Standard | Pass/Fail |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CO            | 0              | --                           | --               | --                       | 0      | --      | 0                   | 0        | Pass      |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CO            | 0              | --                           | --               | --                       | 0      | --      | 0                   | 0        | Pass      |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |

**NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.**

## Certification Summary Information Report

|                                                |                                        |                                       |                  |
|------------------------------------------------|----------------------------------------|---------------------------------------|------------------|
| <b>Test Group</b>                              | PRIVT00.0194                           | <b>Evaporative/Refueling Family</b>   | --               |
| <b>Test #</b>                                  | <b>PRIV10077371</b>                    | <b>Test Procedure</b>                 | <b>3 - HWFE</b>  |
| <b>Exhaust Test # for this Evap Test</b>       | --                                     | <b>Test Fuel Type</b>                 | 62 - Electricity |
| <b>Test Date</b>                               | 09/17/2022                             | <b>Fuel</b>                           | Electricity      |
| <b>Fuel Batch ID</b>                           | --                                     | <b>Fuel Calibration Number</b>        | --               |
| <b>Vehicle Class</b>                           | MDPV (Federal Tier 2, GVWR 8501-10000) | <b>DF Type</b>                        | EPA Assigned     |
| <b>Verify Test Lab ID</b>                      | FEV Michigan                           |                                       |                  |
| <b>E10 Evaporative Test Measurement Method</b> | --                                     |                                       |                  |
| <b>Test Start Odometer Reading</b>             | 7165                                   | <b>Odometer Units</b>                 | M                |
| <b>4WD Test Dyno</b>                           | Yes                                    | <b>Diesel Adjustment Factor Usage</b> | --               |
| <b>State of Charge Delta</b>                   | Yes                                    |                                       |                  |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 86 (+/- 2 mph, +/- 1 sec)    | <b>Road Speed Fan Usage</b>           | Yes              |

## Test Results

| Test Result Name                                   | Unrounded Test Result | Verify Calculated FE Equivalent Value<br>(kilowatt-hour per 100 miles) |
|----------------------------------------------------|-----------------------|------------------------------------------------------------------------|
| METHANE (CH4 - Methane)                            | 0                     | --                                                                     |
| CO (Carbon Monoxide)                               | 0                     | --                                                                     |
| DT-ASCR (Drive Trace Absolute Speed Change Rating) | 1.15                  | --                                                                     |
| DT-EER (Drive Trace Energy Economy Rating)         | 0.25                  | --                                                                     |
| DT-IWRR (Drive Trace Inertia Work Ratio Rating)    | 1.09                  | --                                                                     |
| MFR FE (Manufacturer Fuel Economy)                 | 33.72                 | 99.940688                                                              |
| NOX (Nitrogen Oxide)                               | 0                     | --                                                                     |
| N2O (Nitrous Oxide)                                | 0                     | --                                                                     |
| HC-NM (Non-methane Hydrocarbon)                    | 0                     | --                                                                     |
| NMOG (Non-methane organic gases)                   | 0                     | --                                                                     |

| Test Result Name                          | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|-------------------------------------------|-----------------------|---------------------------------|
| Carbon-Related Exhaust Emissions          | 0                     | 0                               |
| Optional Carbon-Related Exhaust Emissions | 0                     | 0                               |

| Test Result Name | Unrounded Test Result | Verify Calculated CO2 |
|------------------|-----------------------|-----------------------|
| Carbon dioxide   | 0                     | --                    |

## Manufacturer Test Comments

R1S - Drive Mode: Conserve with 20" Tires. Cycle 1: 337.20 Wh/mi

## Certification Summary Information Report

| Test Group           |               | PRIVT00.0194         |               | Evaporative/Refueling Family |     |                  |                          | --     |         |                     |          |           |
|----------------------|---------------|----------------------|---------------|------------------------------|-----|------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| Certification Region | Useful Life   | Standard Level       | Emission Name | Rounded Result               | RAF | NMOG/NM HC Ratio | Diesel Adjustment Factor | Add DF | Mult DF | Certification Level | Standard | Pass/Fail |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CO            | 0                            | --  | --               | --                       | 0      | --      | 0                   | 0        | Pass      |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0                            | --  | --               | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CO            | 0                            | --  | --               | --                       | 0      | --      | 0                   | 0        | Pass      |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0                            | --  | --               | --                       | 0      | --      | 0                   | --       | --        |

**NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.**

## Certification Summary Information Report

|                                                |                                     |                                       |                  |
|------------------------------------------------|-------------------------------------|---------------------------------------|------------------|
| <b>Test Group</b>                              | PRIVT00.0194                        | <b>Evaporative/Refueling Family</b>   | --               |
| <b>Test #</b>                                  | <b>PRIV10077372</b>                 | <b>Test Procedure</b>                 | <b>90 - US06</b> |
| <b>Exhaust Test # for this Evap Test</b>       | --                                  | <b>Test Fuel Type</b>                 | 62 - Electricity |
| <b>Test Date</b>                               | 09/16/2022                          | <b>Fuel</b>                           | N/A              |
| <b>Fuel Batch ID</b>                           | --                                  | <b>Fuel Calibration Number</b>        | --               |
| <b>Vehicle Class</b>                           | N/A                                 | <b>DF Type</b>                        | EPA Assigned     |
| <b>Verify Test Lab ID</b>                      | FEV Michigan                        |                                       |                  |
| <b>E10 Evaporative Test Measurement Method</b> | --                                  |                                       |                  |
| <b>Test Start Odometer Reading</b>             | 7142                                | <b>Odometer Units</b>                 | M                |
| <b>4WD Test Dyno</b>                           | Yes                                 | <b>Diesel Adjustment Factor Usage</b> | --               |
| <b>State of Charge Delta</b>                   | Yes                                 |                                       |                  |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 86 (+/- 2 mph, +/- 1 sec) | <b>Road Speed Fan Usage</b>           | Yes              |

## Test Results

| Test Result Name                                          | Unrounded Test Result | Verify Calculated FE Equivalent Value<br>(kilowatt-hour per 100 miles) |
|-----------------------------------------------------------|-----------------------|------------------------------------------------------------------------|
| <b>METHANE (CH4 - Methane)</b>                            | 0                     | --                                                                     |
| <b>CO (Carbon Monoxide)</b>                               | 0                     | --                                                                     |
| <b>DT-ASCR (Drive Trace Absolute Speed Change Rating)</b> | -0.74                 | --                                                                     |
| <b>DT-EER (Drive Trace Energy Economy Rating)</b>         | -0.31                 | --                                                                     |
| <b>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</b>    | -2.46                 | --                                                                     |
| <b>MFR FE (Manufacturer Fuel Economy)</b>                 | 44.89                 | 75.0723992                                                             |
| <b>NOX (Nitrogen Oxide)</b>                               | 0                     | --                                                                     |
| <b>N2O (Nitrous Oxide)</b>                                | 0                     | --                                                                     |
| <b>HC-NM (Non-methane Hydrocarbon)</b>                    | 0                     | --                                                                     |
| <b>NMOG (Non-methane organic gases)</b>                   | 0                     | --                                                                     |

| Test Result Name                                 | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|--------------------------------------------------|-----------------------|---------------------------------|
| <b>Carbon-Related Exhaust Emissions</b>          | 0                     | --                              |
| <b>Optional Carbon-Related Exhaust Emissions</b> | 0                     | --                              |

| Test Result Name      | Unrounded Test Result | Verify Calculated CO2 |
|-----------------------|-----------------------|-----------------------|
| <b>Carbon dioxide</b> | 0                     | --                    |

## Manufacturer Test Comments

R1S - Drive Mode: Conserve with 20" Tires. Cycle 1 (City1): 426.14 Wh/mi, Cycle 2 (HWY): 443.62 Wh/mi, Cycle 3 (City2): 574.10 Wh/mi

## Certification Summary Information Report

|                                                |                                     |                                       |                  |
|------------------------------------------------|-------------------------------------|---------------------------------------|------------------|
| <b>Test Group</b>                              | PRIVT00.0194                        | <b>Evaporative/Refueling Family</b>   | --               |
| <b>Test #</b>                                  | <b>PRIV10077373</b>                 | <b>Test Procedure</b>                 | <b>95 - SC03</b> |
| <b>Exhaust Test # for this Evap Test</b>       | --                                  | <b>Test Fuel Type</b>                 | 62 - Electricity |
| <b>Test Date</b>                               | 09/17/2022                          | <b>Fuel</b>                           | N/A              |
| <b>Fuel Batch ID</b>                           | --                                  | <b>Fuel Calibration Number</b>        | --               |
| <b>Vehicle Class</b>                           | N/A                                 | <b>DF Type</b>                        | EPA Assigned     |
| <b>Verify Test Lab ID</b>                      | FEV Michigan                        |                                       |                  |
| <b>E10 Evaporative Test Measurement Method</b> | --                                  |                                       |                  |
| <b>Test Start Odometer Reading</b>             | 7158                                | <b>Odometer Units</b>                 | M                |
| <b>4WD Test Dyno</b>                           | Yes                                 | <b>Diesel Adjustment Factor Usage</b> | --               |
| <b>State of Charge Delta</b>                   | Yes                                 |                                       |                  |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 86 (+/- 2 mph, +/- 1 sec) | <b>Road Speed Fan Usage</b>           | Yes              |

## Test Results

| Test Result Name                                   | Unrounded Test Result | Verify Calculated FE Equivalent Value<br>(kilowatt-hour per 100 miles) |
|----------------------------------------------------|-----------------------|------------------------------------------------------------------------|
| METHANE (CH4 - Methane)                            | 0                     | --                                                                     |
| CO (Carbon Monoxide)                               | 0                     | --                                                                     |
| DT-ASCR (Drive Trace Absolute Speed Change Rating) | -0.34                 | --                                                                     |
| DT-EER (Drive Trace Energy Economy Rating)         | -0.28                 | --                                                                     |
| DT-IWRR (Drive Trace Inertia Work Ratio Rating)    | -1.25                 | --                                                                     |
| MFR FE (Manufacturer Fuel Economy)                 | 34.9                  | 96.5616046                                                             |
| NOX (Nitrogen Oxide)                               | 0                     | --                                                                     |
| N2O (Nitrous Oxide)                                | 0                     | --                                                                     |
| HC-NM (Non-methane Hydrocarbon)                    | 0                     | --                                                                     |
| NMOG (Non-methane organic gases)                   | 0                     | --                                                                     |

| Test Result Name                          | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|-------------------------------------------|-----------------------|---------------------------------|
| Carbon-Related Exhaust Emissions          | 0                     | --                              |
| Optional Carbon-Related Exhaust Emissions | 0                     | --                              |

| Test Result Name | Unrounded Test Result | Verify Calculated CO2 |
|------------------|-----------------------|-----------------------|
| Carbon dioxide   | 0                     | --                    |

## Manufacturer Test Comments

R1S - Drive Mode: Conserve with 20" Tires. Cycle 1: 348.95 Wh/mi

## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PRIVT00.0194                             | <b>Evaporative/Refueling Family</b>           | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----------------------------------------------|-----------------------------------|------------------------------|---------------------------|-----------------------|---|----------------------------------|---|---|------------------------------------------|-------|---|-----------------------------------|-------|---|---------------------------------------|-------|----|---------------------------|-------|
| <b>Test #</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>PRIV10077367</b>                      | <b>Test Procedure</b>                         | <b>81 - Charge Depleting UDDS</b> |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | --                                       | <b>Test Fuel Type</b>                         | 62 - Electricity                  |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Test Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 09/13/2022                               | <b>Fuel</b>                                   | Electricity                       |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Fuel Batch ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | --                                       | <b>Fuel Calibration Number</b>                | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Vehicle Class</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MDPV (Federal Tier 2, GVWR 8501-10000)   | <b>DF Type</b>                                | EPA Assigned                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Verify Test Lab ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FEV Michigan                             |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | --                                       |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 6120                                     | <b>Odometer Units</b>                         | M                                 |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>4WD Test Dyno</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Yes                                      | <b>Diesel Adjustment Factor Usage</b>         | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>State of Charge Delta</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Yes                                      |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Drive Cycle Speed Tolerance Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Used Part 86 (+/- 2 mph, +/- 1 sec)      | <b>Road Speed Fan Usage</b>                   | Yes                               |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>PHEV/EV Charge Depleting Test Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Recharge Event Voltage</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 240                                      | <b>Recharge Event Energy (kiloWatt-hours)</b> | 149.94                            |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Range (Calculated miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 444.85                                   | <b>Charge Depleting Range (Actual miles)</b>  | 444.85                            |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>All Electric Range Unadjusted (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | --                                       | <b>Derived 5-Cycle Coefficient Model Year</b> | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Equivalent All Electric Range (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 444.85                                   |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Number of Charge Depleting Bags/Phases Conducted</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4                                        | <b>Transition Bag/Phase Number</b>            | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>2</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>-0.63</td> </tr> <tr> <td>3</td> <td>Drive Trace Energy Economy Rating</td> <td>-0.32</td> </tr> <tr> <td>4</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-0.62</td> </tr> <tr> <td>5</td> <td>Manufacturer Fuel Economy</td> <td>31.16</td> </tr> </tbody> </table>  |                                          |                                               |                                   | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 1 | Carbon-Related Exhaust Emissions | 0 | 2 | Drive Trace Absolute Speed Change Rating | -0.63 | 3 | Drive Trace Energy Economy Rating | -0.32 | 4 | Drive Trace Inertia Work Ratio Rating | -0.62 | 5  | Manufacturer Fuel Economy | 31.16 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Test Result/Emission Name                | Unrounded Test Result                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Carbon-Related Exhaust Emissions         | 0                                             |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Absolute Speed Change Rating | -0.63                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Energy Economy Rating        | -0.32                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Inertia Work Ratio Rating    | -0.62                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Manufacturer Fuel Economy                | 31.16                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
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| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Test Result/Emission Name                | Unrounded Test Result                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Carbon-Related Exhaust Emissions         | 0                                             |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Absolute Speed Change Rating | -1.19                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Energy Economy Rating        | -1.03                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Inertia Work Ratio Rating    | -1.91                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Manufacturer Fuel Economy                | 29.34                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |

## Certification Summary Information Report

| Test Group |  | PRIVT00.0194 |  | Evaporative/Refueling Family |  | -- |  |
|------------|--|--------------|--|------------------------------|--|----|--|
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## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PRIVT00.0194                                                                                                      | <b>Evaporative/Refueling Family</b>           | --                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
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| <b>Test #</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>PRIV10077368</b>                                                                                               | <b>Test Procedure</b>                         | <b>84 - Charge Depleting Highway</b> |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | --                                                                                                                | <b>Test Fuel Type</b>                         | 62 - Electricity                     |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Test Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 09/13/2022                                                                                                        | <b>Fuel</b>                                   | Electricity                          |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Fuel Batch ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | --                                                                                                                | <b>Fuel Calibration Number</b>                | --                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Vehicle Class</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MDPV (Federal Tier 2, GVWR 8501-10000)                                                                            | <b>DF Type</b>                                | EPA Assigned                         |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Verify Test Lab ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FEV Michigan                                                                                                      |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | --                                                                                                                |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 6120                                                                                                              | <b>Odometer Units</b>                         | M                                    |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>4WD Test Dyno</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Yes                                                                                                               | <b>Diesel Adjustment Factor Usage</b>         | --                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>State of Charge Delta</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Yes                                                                                                               |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Drive Cycle Speed Tolerance Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Used Part 86 (+/- 2 mph, +/- 1 sec)                                                                               | <b>Road Speed Fan Usage</b>                   | Yes                                  |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>PHEV/EV Charge Depleting Test Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                   |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Recharge Event Voltage</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 240                                                                                                               | <b>Recharge Event Energy (kiloWatt-hours)</b> | 149.94                               |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Range (Calculated miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 392.16                                                                                                            | <b>Charge Depleting Range (Actual miles)</b>  | 392.16                               |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>All Electric Range Unadjusted (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | --                                                                                                                | <b>Derived 5-Cycle Coefficient Model Year</b> | --                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Equivalent All Electric Range (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 392.16                                                                                                            |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Number of Charge Depleting Bags/Phases Conducted</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2                                                                                                                 | <b>Transition Bag/Phase Number</b>            | --                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                   |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>2</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>-2.02</td> </tr> <tr> <td>3</td> <td>Drive Trace Energy Economy Rating</td> <td>-0.15</td> </tr> <tr> <td>4</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-2.68</td> </tr> <tr> <td>5</td> <td>Manufacturer Fuel Economy</td> <td>32.52</td> </tr> </tbody> </table> |                                                                                                                   |                                               |                                      | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 1 | Carbon-Related Exhaust Emissions | 0 | 2 | Drive Trace Absolute Speed Change Rating | -2.02 | 3 | Drive Trace Energy Economy Rating | -0.15 | 4 | Drive Trace Inertia Work Ratio Rating | -2.68 | 5  | Manufacturer Fuel Economy | 32.52 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Test Result/Emission Name                                                                                         | Unrounded Test Result                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Carbon-Related Exhaust Emissions                                                                                  | 0                                             |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Absolute Speed Change Rating                                                                          | -2.02                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Energy Economy Rating                                                                                 | -0.15                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Inertia Work Ratio Rating                                                                             | -2.68                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Manufacturer Fuel Economy                                                                                         | 32.52                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                   |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>7</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>-4.5</td> </tr> <tr> <td>8</td> <td>Drive Trace Energy Economy Rating</td> <td>-0.56</td> </tr> <tr> <td>9</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-5.6</td> </tr> <tr> <td>10</td> <td>Manufacturer Fuel Economy</td> <td>33.11</td> </tr> </tbody> </table>  |                                                                                                                   |                                               |                                      | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 6 | Carbon-Related Exhaust Emissions | 0 | 7 | Drive Trace Absolute Speed Change Rating | -4.5  | 8 | Drive Trace Energy Economy Rating | -0.56 | 9 | Drive Trace Inertia Work Ratio Rating | -5.6  | 10 | Manufacturer Fuel Economy | 33.11 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Test Result/Emission Name                                                                                         | Unrounded Test Result                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Carbon-Related Exhaust Emissions                                                                                  | 0                                             |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Absolute Speed Change Rating                                                                          | -4.5                                          |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Energy Economy Rating                                                                                 | -0.56                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Inertia Work Ratio Rating                                                                             | -5.6                                          |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Manufacturer Fuel Economy                                                                                         | 33.11                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Manufacturer Test Comments</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | R1S - Drive Mode: Conserve with 20" Tires. Cycle 1: 331.07 Wh/mi, Cycle 2: 325.20 Wh/mi. MCT Energy: 128683.02 Wh |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |

## Certification Summary Information Report

| Test Group           |               | PRIVT00.0194         |               |                | Evaporative/Refueling Family |                  |                          |        |         | --                  |          |           |
|----------------------|---------------|----------------------|---------------|----------------|------------------------------|------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| Certification Region | Useful Life   | Standard Level       | Emission Name | Rounded Result | RAF                          | NMOG/NM HC Ratio | Diesel Adjustment Factor | Add DF | Mult DF | Certification Level | Standard | Pass/Fail |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |

## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PRIVT00.0194                             | <b>Evaporative/Refueling Family</b>           | --                                           |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----------------------------------------------|----------------------------------------------|------------------------------|---------------------------|-----------------------|---|----------------------------------|---|---|------------------------------------------|------|---|-----------------------------------|------|---|---------------------------------------|------|----|---------------------------|-------|
| <b>Test #</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>PRIV10077375</b>                      | <b>Test Procedure</b>                         | <b>86 - Charge Depleting 20 Degree F FTP</b> |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | --                                       | <b>Test Fuel Type</b>                         | 62 - Electricity                             |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Test Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 09/26/2022                               | <b>Fuel</b>                                   | N/A                                          |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Fuel Batch ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | --                                       | <b>Fuel Calibration Number</b>                | --                                           |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Vehicle Class</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | N/A                                      | <b>DF Type</b>                                | EPA Assigned                                 |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Verify Test Lab ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | FEV Michigan                             |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | --                                       |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 7408                                     | <b>Odometer Units</b>                         | M                                            |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>4WD Test Dyno</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Yes                                      | <b>Diesel Adjustment Factor Usage</b>         | --                                           |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>State of Charge Delta</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Yes                                      |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Drive Cycle Speed Tolerance Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Used Part 86 (+/- 2 mph, +/- 1 sec)      | <b>Road Speed Fan Usage</b>                   | Yes                                          |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>PHEV/EV Charge Depleting Test Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                          |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Recharge Event Voltage</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 240                                      | <b>Recharge Event Energy (kiloWatt-hours)</b> | 149.94                                       |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Range (Calculated miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 111.95                                   | <b>Charge Depleting Range (Actual miles)</b>  | 111.95                                       |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>All Electric Range Unadjusted (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | --                                       | <b>Derived 5-Cycle Coefficient Model Year</b> | --                                           |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Equivalent All Electric Range (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 111.95                                   |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Number of Charge Depleting Bags/Phases Conducted</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3                                        | <b>Transition Bag/Phase Number</b>            | --                                           |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                          |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
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| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Test Result/Emission Name                | Unrounded Test Result                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Carbon-Related Exhaust Emissions         | 0                                             |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Drive Trace Absolute Speed Change Rating | 1.27                                          |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Drive Trace Energy Economy Rating        | 0.66                                          |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Drive Trace Inertia Work Ratio Rating    | 2.04                                          |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Manufacturer Fuel Economy                | 51.95                                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                          |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>7</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>1.68</td> </tr> <tr> <td>8</td> <td>Drive Trace Energy Economy Rating</td> <td>0.47</td> </tr> <tr> <td>9</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>2.87</td> </tr> <tr> <td>10</td> <td>Manufacturer Fuel Economy</td> <td>67.9</td> </tr> </tbody> </table> |                                          |                                               |                                              | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 6 | Carbon-Related Exhaust Emissions | 0 | 7 | Drive Trace Absolute Speed Change Rating | 1.68 | 8 | Drive Trace Energy Economy Rating | 0.47 | 9 | Drive Trace Inertia Work Ratio Rating | 2.87 | 10 | Manufacturer Fuel Economy | 67.9  |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Test Result/Emission Name                | Unrounded Test Result                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Carbon-Related Exhaust Emissions         | 0                                             |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Drive Trace Absolute Speed Change Rating | 1.68                                          |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Drive Trace Energy Economy Rating        | 0.47                                          |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Drive Trace Inertia Work Ratio Rating    | 2.87                                          |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Manufacturer Fuel Economy                | 67.9                                          |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                          |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |

## Certification Summary Information Report

| Test Group                   | PRIVT00.0194                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Evaporative/Refueling Family | --                        |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|---------------------------|-----------------------|----|----------------------------------|---|----|------------------------------------------|------|----|-----------------------------------|------|----|---------------------------------------|------|----|---------------------------|-------|--|--|
|                              | <table><tr><th>Charge Depleting Bag/Phase #</th><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>11</td><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>12</td><td>Drive Trace Absolute Speed Change Rating</td><td>1.59</td></tr><tr><td>13</td><td>Drive Trace Energy Economy Rating</td><td>0.73</td></tr><tr><td>14</td><td>Drive Trace Inertia Work Ratio Rating</td><td>2.07</td></tr><tr><td>15</td><td>Manufacturer Fuel Economy</td><td>45.45</td></tr></table> | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 11 | Carbon-Related Exhaust Emissions | 0 | 12 | Drive Trace Absolute Speed Change Rating | 1.59 | 13 | Drive Trace Energy Economy Rating | 0.73 | 14 | Drive Trace Inertia Work Ratio Rating | 2.07 | 15 | Manufacturer Fuel Economy | 45.45 |  |  |
| Charge Depleting Bag/Phase # | Test Result/Emission Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Unrounded Test Result        |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 11                           | Carbon-Related Exhaust Emissions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0                            |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 12                           | Drive Trace Absolute Speed Change Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 1.59                         |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 13                           | Drive Trace Energy Economy Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 0.73                         |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 14                           | Drive Trace Inertia Work Ratio Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2.07                         |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 15                           | Manufacturer Fuel Economy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 45.45                        |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| Manufacturer Test Comments   | R1S - Drive Mode: Conserve with 20" Tires. Cycle 1: 679.00 Wh/mi, Cycle 3: 519.47 Wh/mi, CD: 454.465 Wh/mi.                                                                                                                                                                                                                                                                                                                                                                                                          |                              |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |

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## Certification Summary Information Report

|                                           |                                                                                                           |                                     |    |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------|----|
| <b>Test Group</b>                         | PRIVT00.0194                                                                                              | <b>Evaporative/Refueling Family</b> | -- |
| <b>Emission Control Device Comments</b>   | Battery Electric Vehicle                                                                                  |                                     |    |
| <b>Manufacturer Test Vehicle Comments</b> | All-Purpose drive mode configuration N/V Ratio: 128.75, Axle Ratio: 12.6:1, data entered is a placeholder |                                     |    |

## Certification Summary Information Report

| <b>Test Group</b>                                       | PRIVT00.0194                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>Evaporative/Refueling Family</b>           | --                                |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
|---------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|-----------------------------------|-----------------------|---|----------------------------------|---|---|------------------------------------------|------|---|-----------------------------------|------|---|---------------------------------------|------|----|---------------------------|-------|--|
| <b>Test #</b>                                           | <b>PRIV10077398</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Test Procedure</b>                         | <b>81 - Charge Depleting UDDS</b> |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| <b>Exhaust Test # for this Evap Test</b>                | --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Test Fuel Type</b>                         | 62 - Electricity                  |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| <b>Test Date</b>                                        | 10/07/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Fuel</b>                                   | Electricity                       |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| <b>Fuel Batch ID</b>                                    | --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Fuel Calibration Number</b>                | --                                |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| <b>Vehicle Class</b>                                    | MDPV (Federal Tier 2, GVWR 8501-10000)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>DF Type</b>                                | EPA Assigned                      |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| <b>Verify Test Lab ID</b>                               | FEV Michigan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                               |                                   |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| <b>E10 Evaporative Test Measurement Method</b>          | --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                               |                                   |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| <b>Test Start Odometer Reading</b>                      | 9378                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Odometer Units</b>                         | M                                 |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| <b>4WD Test Dyno</b>                                    | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Diesel Adjustment Factor Usage</b>         | --                                |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| <b>State of Charge Delta</b>                            | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                               |                                   |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| <b>Drive Cycle Speed Tolerance Criteria</b>             | Used Part 86 (+/- 2 mph, +/- 1 sec)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Road Speed Fan Usage</b>                   | Yes                               |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| <b>PHEV/EV Charge Depleting Test Information</b>        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |                                   |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| <b>Recharge Event Voltage</b>                           | 240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Recharge Event Energy (kiloWatt-hours)</b> | 151.36                            |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| <b>Charge Depleting Range (Calculated miles)</b>        | 436.46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Charge Depleting Range (Actual miles)</b>  | 436.46                            |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| <b>All Electric Range Unadjusted (miles)</b>            | --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Derived 5-Cycle Coefficient Model Year</b> | --                                |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| <b>Equivalent All Electric Range (miles)</b>            | 436.46                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                               |                                   |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| <b>Number of Charge Depleting Bags/Phases Conducted</b> | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Transition Bag/Phase Number</b>            | --                                |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| <b>Charge Depleting Bag/Phase</b>                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |                                   |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
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| Charge Depleting Bag/Phase #                            | Test Result/Emission Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unrounded Test Result                         |                                   |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| 1                                                       | Carbon-Related Exhaust Emissions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0                                             |                                   |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| 2                                                       | Drive Trace Absolute Speed Change Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.47                                          |                                   |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| 3                                                       | Drive Trace Energy Economy Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.16                                          |                                   |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| 4                                                       | Drive Trace Inertia Work Ratio Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 0.55                                          |                                   |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| 5                                                       | Manufacturer Fuel Economy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 32.28                                         |                                   |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| <b>Charge Depleting Bag/Phase</b>                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |                                   |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
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| Charge Depleting Bag/Phase #                            | Test Result/Emission Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Unrounded Test Result                         |                                   |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| 6                                                       | Carbon-Related Exhaust Emissions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 0                                             |                                   |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| 7                                                       | Drive Trace Absolute Speed Change Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 0.88                                          |                                   |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| 8                                                       | Drive Trace Energy Economy Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.47                                          |                                   |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| 9                                                       | Drive Trace Inertia Work Ratio Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 1.66                                          |                                   |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| 10                                                      | Manufacturer Fuel Economy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 29.13                                         |                                   |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |
| <b>Charge Depleting Bag/Phase</b>                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |                                   |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |  |

## Certification Summary Information Report

| Test Group                   |                                          | PRIVT00.0194                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | Evaporative/Refueling Family                                                                                                                                       |                           | --                    |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----------------------|----|----------------------------------|---|----|------------------------------------------|------|----|-----------------------------------|------|----|---------------------------------------|------|----|---------------------------|-------|--|--|
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| Charge Depleting Bag/Phase # | Test Result/Emission Name                | Unrounded Test Result                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 11                           | Carbon-Related Exhaust Emissions         | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 12                           | Drive Trace Absolute Speed Change Rating | 1.23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 13                           | Drive Trace Energy Economy Rating        | 0.15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 14                           | Drive Trace Inertia Work Ratio Rating    | 1.82                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 15                           | Manufacturer Fuel Economy                | 30.67                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                              |                                          | Charge Depleting Bag/Phase                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                              |                                          | <table><tr><th>Charge Depleting Bag/Phase #</th><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>16</td><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>17</td><td>Drive Trace Absolute Speed Change Rating</td><td>1.18</td></tr><tr><td>18</td><td>Drive Trace Energy Economy Rating</td><td>0.59</td></tr><tr><td>19</td><td>Drive Trace Inertia Work Ratio Rating</td><td>1.72</td></tr><tr><td>20</td><td>Manufacturer Fuel Economy</td><td>29.04</td></tr></table> |  | Charge Depleting Bag/Phase #                                                                                                                                       | Test Result/Emission Name | Unrounded Test Result | 16 | Carbon-Related Exhaust Emissions | 0 | 17 | Drive Trace Absolute Speed Change Rating | 1.18 | 18 | Drive Trace Energy Economy Rating | 0.59 | 19 | Drive Trace Inertia Work Ratio Rating | 1.72 | 20 | Manufacturer Fuel Economy | 29.04 |  |  |
| Charge Depleting Bag/Phase # | Test Result/Emission Name                | Unrounded Test Result                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 16                           | Carbon-Related Exhaust Emissions         | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 17                           | Drive Trace Absolute Speed Change Rating | 1.18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 18                           | Drive Trace Energy Economy Rating        | 0.59                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 19                           | Drive Trace Inertia Work Ratio Rating    | 1.72                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 20                           | Manufacturer Fuel Economy                | 29.04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                              |                                          | Manufacturer Test Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | R1S - Drive Mode: All-Purpose with 21" Tires. Cycle 1: 322.81 Wh/mi, Cycle 2: 306.68 Wh/mi, Cycle 3: 290.44 Wh/mi, Cycle 4: 291.34 Wh/mi. MCT Energy: 129476.30 Wh |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                              |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
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|                              |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                              |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                              |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                              |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                              |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
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|                              |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
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|                              |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                              |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                              |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                              |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
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|                              |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                              |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                              |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
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|                              |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                              |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                    |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |

## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PRIVT00.0194                                                                                                         | <b>Evaporative/Refueling Family</b>           | --                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------------|------------------------------|---------------------------|-----------------------|---|----------------------------------|---|---|------------------------------------------|------|---|-----------------------------------|-------|---|---------------------------------------|------|----|---------------------------|-------|
| <b>Test #</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>PRIV10077399</b>                                                                                                  | <b>Test Procedure</b>                         | <b>84 - Charge Depleting Highway</b> |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | --                                                                                                                   | <b>Test Fuel Type</b>                         | 62 - Electricity                     |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Test Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10/07/2022                                                                                                           | <b>Fuel</b>                                   | Electricity                          |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Fuel Batch ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | --                                                                                                                   | <b>Fuel Calibration Number</b>                | --                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Vehicle Class</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MDPV (Federal Tier 2, GVWR 8501-10000)                                                                               | <b>DF Type</b>                                | EPA Assigned                         |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Verify Test Lab ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FEV Michigan                                                                                                         |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | --                                                                                                                   |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 9378                                                                                                                 | <b>Odometer Units</b>                         | M                                    |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>4WD Test Dyno</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Yes                                                                                                                  | <b>Diesel Adjustment Factor Usage</b>         | --                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>State of Charge Delta</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Yes                                                                                                                  |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Drive Cycle Speed Tolerance Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Used Part 86 (+/- 2 mph, +/- 1 sec)                                                                                  | <b>Road Speed Fan Usage</b>                   | Yes                                  |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>PHEV/EV Charge Depleting Test Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                      |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Recharge Event Voltage</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 240                                                                                                                  | <b>Recharge Event Energy (kiloWatt-hours)</b> | 151.36                               |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Charge Depleting Range (Calculated miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 376.54                                                                                                               | <b>Charge Depleting Range (Actual miles)</b>  | 376.54                               |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>All Electric Range Unadjusted (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | --                                                                                                                   | <b>Derived 5-Cycle Coefficient Model Year</b> | --                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Equivalent All Electric Range (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 376.54                                                                                                               |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Number of Charge Depleting Bags/Phases Conducted</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2                                                                                                                    | <b>Transition Bag/Phase Number</b>            | --                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                      |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>2</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>0.74</td> </tr> <tr> <td>3</td> <td>Drive Trace Energy Economy Rating</td> <td>0.23</td> </tr> <tr> <td>4</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>0.74</td> </tr> <tr> <td>5</td> <td>Manufacturer Fuel Economy</td> <td>33.54</td> </tr> </tbody> </table>  |                                                                                                                      |                                               |                                      | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 1 | Carbon-Related Exhaust Emissions | 0 | 2 | Drive Trace Absolute Speed Change Rating | 0.74 | 3 | Drive Trace Energy Economy Rating | 0.23  | 4 | Drive Trace Inertia Work Ratio Rating | 0.74 | 5  | Manufacturer Fuel Economy | 33.54 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Test Result/Emission Name                                                                                            | Unrounded Test Result                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Carbon-Related Exhaust Emissions                                                                                     | 0                                             |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Absolute Speed Change Rating                                                                             | 0.74                                          |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Energy Economy Rating                                                                                    | 0.23                                          |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Inertia Work Ratio Rating                                                                                | 0.74                                          |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Manufacturer Fuel Economy                                                                                            | 33.54                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                      |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>7</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>1.1</td> </tr> <tr> <td>8</td> <td>Drive Trace Energy Economy Rating</td> <td>-0.23</td> </tr> <tr> <td>9</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>1.55</td> </tr> <tr> <td>10</td> <td>Manufacturer Fuel Economy</td> <td>35.23</td> </tr> </tbody> </table> |                                                                                                                      |                                               |                                      | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 6 | Carbon-Related Exhaust Emissions | 0 | 7 | Drive Trace Absolute Speed Change Rating | 1.1  | 8 | Drive Trace Energy Economy Rating | -0.23 | 9 | Drive Trace Inertia Work Ratio Rating | 1.55 | 10 | Manufacturer Fuel Economy | 35.23 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Test Result/Emission Name                                                                                            | Unrounded Test Result                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Carbon-Related Exhaust Emissions                                                                                     | 0                                             |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Absolute Speed Change Rating                                                                             | 1.1                                           |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Energy Economy Rating                                                                                    | -0.23                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Inertia Work Ratio Rating                                                                                | 1.55                                          |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Manufacturer Fuel Economy                                                                                            | 35.23                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Manufacturer Test Comments</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | R1S - Drive Mode: All-Purpose with 21" Tires. Cycle 1: 352.32 Wh/mi, Cycle 2: 335.41 Wh/mi. MCT Energy: 129476.30 Wh |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |

## Certification Summary Information Report

| Test Group           |               | PRIVT00.0194         |               |                | Evaporative/Refueling Family |                  |                          |        |         | --                  |          |           |
|----------------------|---------------|----------------------|---------------|----------------|------------------------------|------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| Certification Region | Useful Life   | Standard Level       | Emission Name | Rounded Result | RAF                          | NMOG/NM HC Ratio | Diesel Adjustment Factor | Add DF | Mult DF | Certification Level | Standard | Pass/Fail |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |

## Certification Summary Information Report

| <b>Test Group</b>                            | PRIVT00.0194                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Evaporative/Refueling Family</b>                   | --                      |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------|---------------------|-------------|-------------------------------------------------------------------------------|------------------|--|--|-------------------------------------------------------------------------------|----------------------|---------|-------------|----------------|---------|-------------|----------------|-------------------|-------|--------|--------|-------|--------|---------|------|------|-------|--------|--------|-------|--------|---------|-----|
| <b>Emission Data Vehicle Information</b>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                       |                         |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| <b>Vehicle ID / Configuration</b>            | R1S0054R21C / 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Manufacturer Vehicle Configuration Number</b>      | 0                       |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| <b>Original Test Group Name</b>              | PRIVT00.0194                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Original Evaporative/Refueling Family</b>          | --                      |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| <b>Original Test Vehicle Model Year</b>      | 2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                       |                         |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| <b>Vehicle Model</b>                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                       |                         |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| <b>Represented Test Vehicle Make</b>         | Rivian                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Represented Test Vehicle Model</b>                 | R1S 21in                |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| <b>Leak Family Details</b>                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                       |                         |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| <b>Leak Family Identifier</b>                | --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Leak Family Name</b>                               | --                      |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| <b>Drive Sources and Fuel System Details</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                       |                         |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
|                                              | <table border="1"> <tr> <th>Drive Source and Fuel#</th> <th>Drive Source</th> <th>Fuel</th> </tr> <tr> <td>1</td> <td>Electric Motor</td> <td>Electricity</td> </tr> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Drive Source and Fuel#                                | Drive Source            | Fuel                | 1           | Electric Motor                                                                | Electricity      |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| Drive Source and Fuel#                       | Drive Source                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Fuel                                                  |                         |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| 1                                            | Electric Motor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Electricity                                           |                         |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| <b>Hybrid Indicator</b>                      | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                       |                         |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| <b>Multiple Fuel Storage</b>                 | --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Multiple Fuel Combustion</b>                       | --                      |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| <b>Fuel Cell Indicator</b>                   | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Rechargeable Energy Storage System Indicator</b>   | Yes                     |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| <b>Rechargeable Energy Storage System</b>    | Battery(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Rechargeable Energy Storage System, if 'Other'</b> | --                      |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| <b>Off-board charge Capable Indicator</b>    | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                       |                         |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| <b>Odometer Correction -- Initial</b>        | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Odometer Correction Factor</b>                     | 1                       |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| <b>Odometer Correction Sign</b>              | + = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                       |                         |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| <b>Odometer Correction Units</b>             | Miles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                       |                         |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| <b>Engine Code</b>                           | 132X2110X2OS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Rated Horsepower</b>                               | 872                     |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| <b>Displacement (liters)</b>                 | 99.999                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                       |                         |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| <b>Air Aspiration Method</b>                 | Naturally Aspirated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Air Aspiration Method, if 'Other'</b>              | Electric                |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| <b>Number of Air Aspiration Devices</b>      | --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Air Aspiration Device Configuration</b>            | --                      |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| <b>Charge Air Cooler Type</b>                | --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Drive Mode While Testing</b>                       | Part-time 4-Wheel Drive |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| <b>Shift Indicator Light Usage</b>           | Not equipped                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Aged Emission Components</b>                       | 4,000 (mi)              |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| <b>Curb Weight (lbs)</b>                     | 6843                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Equivalent Test Weight (pounds)</b>                | 7000                    |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| <b>GVWR (lbs)</b>                            | --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>N/V Ratio</b>                                      | 999.9                   |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| <b>Axle Ratio</b>                            | 9.99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                       |                         |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| <b>Transmission Type</b>                     | Automatic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b># of Transmission Gears</b>                        | 1                       |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| <b>Transmission Lockup</b>                   | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Creep Gear</b>                                     | No                      |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| <b>Dynamometer Coefficients:</b>             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                       |                         |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
|                                              | <table border="1"> <thead> <tr> <th colspan="3">Target Coefficients</th> <th colspan="3">Set Coefficients</th> <th rowspan="2">EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients</th> </tr> <tr> <th>Coefficient Category</th> <th>A (lbf)</th> <th>B (lbf/mph)</th> <th>C (lbf/mph**2)</th> <th>A (lbf)</th> <th>B (lbf/mph)</th> <th>C (lbf/mph**2)</th> </tr> </thead> <tbody> <tr> <td>City/Highway/Evap</td> <td>54.76</td> <td>0.0623</td> <td>0.0264</td> <td>-5.23</td> <td>0.2694</td> <td>0.02135</td> <td>16.5</td> </tr> <tr> <td>US06</td> <td>54.76</td> <td>0.0623</td> <td>0.0264</td> <td>-5.23</td> <td>0.2694</td> <td>0.02135</td> <td>N/A</td> </tr> </tbody> </table> |                                                       |                         | Target Coefficients |             |                                                                               | Set Coefficients |  |  | EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients | Coefficient Category | A (lbf) | B (lbf/mph) | C (lbf/mph**2) | A (lbf) | B (lbf/mph) | C (lbf/mph**2) | City/Highway/Evap | 54.76 | 0.0623 | 0.0264 | -5.23 | 0.2694 | 0.02135 | 16.5 | US06 | 54.76 | 0.0623 | 0.0264 | -5.23 | 0.2694 | 0.02135 | N/A |
| Target Coefficients                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                       | Set Coefficients        |                     |             | EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| Coefficient Category                         | A (lbf)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | B (lbf/mph)                                           | C (lbf/mph**2)          | A (lbf)             | B (lbf/mph) |                                                                               | C (lbf/mph**2)   |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| City/Highway/Evap                            | 54.76                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.0623                                                | 0.0264                  | -5.23               | 0.2694      | 0.02135                                                                       | 16.5             |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |
| US06                                         | 54.76                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.0623                                                | 0.0264                  | -5.23               | 0.2694      | 0.02135                                                                       | N/A              |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |        |       |        |         |      |      |       |        |        |       |        |         |     |

## Certification Summary Information Report

|                                           |                                                                                                        |                                     |    |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------|----|
| <b>Test Group</b>                         | PRIVT00.0194                                                                                           | <b>Evaporative/Refueling Family</b> | -- |
| <b>Emission Control Device Comments</b>   | Battery Electric Vehicle                                                                               |                                     |    |
| <b>Manufacturer Test Vehicle Comments</b> | Conserve drive mode configuration N/V Ratio: 128.75, Axle Ratio: 12.6:1, data entered is a placeholder |                                     |    |

## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PRIVT00.0194                             | <b>Evaporative/Refueling Family</b>           | --                                |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----------------------------------------------|-----------------------------------|------------------------------|---------------------------|-----------------------|---|----------------------------------|---|---|------------------------------------------|------|---|-----------------------------------|------|---|---------------------------------------|------|----|---------------------------|-------|
| <b>Test #</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>PRIV10077400</b>                      | <b>Test Procedure</b>                         | <b>81 - Charge Depleting UDDS</b> |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | --                                       | <b>Test Fuel Type</b>                         | 62 - Electricity                  |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Test Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10/06/2022                               | <b>Fuel</b>                                   | Electricity                       |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Fuel Batch ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | --                                       | <b>Fuel Calibration Number</b>                | --                                |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Vehicle Class</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MDPV (Federal Tier 2, GVWR 8501-10000)   | <b>DF Type</b>                                | EPA Assigned                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Verify Test Lab ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FEV Michigan                             |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | --                                       |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 9006                                     | <b>Odometer Units</b>                         | M                                 |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>4WD Test Dyno</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Yes                                      | <b>Diesel Adjustment Factor Usage</b>         | --                                |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>State of Charge Delta</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Yes                                      |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Drive Cycle Speed Tolerance Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Used Part 86 (+/- 2 mph, +/- 1 sec)      | <b>Road Speed Fan Usage</b>                   | Yes                               |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>PHEV/EV Charge Depleting Test Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Recharge Event Voltage</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 240                                      | <b>Recharge Event Energy (kiloWatt-hours)</b> | 150.64                            |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Range (Calculated miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 496.29                                   | <b>Charge Depleting Range (Actual miles)</b>  | 496.29                            |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>All Electric Range Unadjusted (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | --                                       | <b>Derived 5-Cycle Coefficient Model Year</b> | --                                |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Equivalent All Electric Range (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 496.29                                   |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Number of Charge Depleting Bags/Phases Conducted</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4                                        | <b>Transition Bag/Phase Number</b>            | --                                |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>2</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>1.13</td> </tr> <tr> <td>3</td> <td>Drive Trace Energy Economy Rating</td> <td>0.64</td> </tr> <tr> <td>4</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>1.43</td> </tr> <tr> <td>5</td> <td>Manufacturer Fuel Economy</td> <td>27.55</td> </tr> </tbody> </table>  |                                          |                                               |                                   | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 1 | Carbon-Related Exhaust Emissions | 0 | 2 | Drive Trace Absolute Speed Change Rating | 1.13 | 3 | Drive Trace Energy Economy Rating | 0.64 | 4 | Drive Trace Inertia Work Ratio Rating | 1.43 | 5  | Manufacturer Fuel Economy | 27.55 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Test Result/Emission Name                | Unrounded Test Result                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Carbon-Related Exhaust Emissions         | 0                                             |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Absolute Speed Change Rating | 1.13                                          |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Energy Economy Rating        | 0.64                                          |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Inertia Work Ratio Rating    | 1.43                                          |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Manufacturer Fuel Economy                | 27.55                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>7</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>1.37</td> </tr> <tr> <td>8</td> <td>Drive Trace Energy Economy Rating</td> <td>0.55</td> </tr> <tr> <td>9</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>2.22</td> </tr> <tr> <td>10</td> <td>Manufacturer Fuel Economy</td> <td>26.28</td> </tr> </tbody> </table> |                                          |                                               |                                   | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 6 | Carbon-Related Exhaust Emissions | 0 | 7 | Drive Trace Absolute Speed Change Rating | 1.37 | 8 | Drive Trace Energy Economy Rating | 0.55 | 9 | Drive Trace Inertia Work Ratio Rating | 2.22 | 10 | Manufacturer Fuel Economy | 26.28 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Test Result/Emission Name                | Unrounded Test Result                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Carbon-Related Exhaust Emissions         | 0                                             |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Absolute Speed Change Rating | 1.37                                          |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Energy Economy Rating        | 0.55                                          |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Inertia Work Ratio Rating    | 2.22                                          |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Manufacturer Fuel Economy                | 26.28                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |

## Certification Summary Information Report

| Test Group                   |                                          | PRIVT00.0194                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  | Evaporative/Refueling Family                                                                                                                                    |                           | --                    |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----------------------|----|----------------------------------|---|----|------------------------------------------|------|----|-----------------------------------|------|----|---------------------------------------|------|----|---------------------------|-------|--|--|
|                              |                                          | <table><tr><th>Charge Depleting Bag/Phase #</th><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>11</td><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>12</td><td>Drive Trace Absolute Speed Change Rating</td><td>0.96</td></tr><tr><td>13</td><td>Drive Trace Energy Economy Rating</td><td>0.87</td></tr><tr><td>14</td><td>Drive Trace Inertia Work Ratio Rating</td><td>1.16</td></tr><tr><td>15</td><td>Manufacturer Fuel Economy</td><td>25.86</td></tr></table> |  | Charge Depleting Bag/Phase #                                                                                                                                    | Test Result/Emission Name | Unrounded Test Result | 11 | Carbon-Related Exhaust Emissions | 0 | 12 | Drive Trace Absolute Speed Change Rating | 0.96 | 13 | Drive Trace Energy Economy Rating | 0.87 | 14 | Drive Trace Inertia Work Ratio Rating | 1.16 | 15 | Manufacturer Fuel Economy | 25.86 |  |  |
| Charge Depleting Bag/Phase # | Test Result/Emission Name                | Unrounded Test Result                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                 |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 11                           | Carbon-Related Exhaust Emissions         | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                 |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 12                           | Drive Trace Absolute Speed Change Rating | 0.96                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                 |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 13                           | Drive Trace Energy Economy Rating        | 0.87                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                 |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 14                           | Drive Trace Inertia Work Ratio Rating    | 1.16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                 |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 15                           | Manufacturer Fuel Economy                | 25.86                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                 |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                              |                                          | Charge Depleting Bag/Phase                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                                                                                                 |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                              |                                          | <table><tr><th>Charge Depleting Bag/Phase #</th><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>16</td><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>17</td><td>Drive Trace Absolute Speed Change Rating</td><td>0.69</td></tr><tr><td>18</td><td>Drive Trace Energy Economy Rating</td><td>0.44</td></tr><tr><td>19</td><td>Drive Trace Inertia Work Ratio Rating</td><td>0.99</td></tr><tr><td>20</td><td>Manufacturer Fuel Economy</td><td>25.75</td></tr></table> |  | Charge Depleting Bag/Phase #                                                                                                                                    | Test Result/Emission Name | Unrounded Test Result | 16 | Carbon-Related Exhaust Emissions | 0 | 17 | Drive Trace Absolute Speed Change Rating | 0.69 | 18 | Drive Trace Energy Economy Rating | 0.44 | 19 | Drive Trace Inertia Work Ratio Rating | 0.99 | 20 | Manufacturer Fuel Economy | 25.75 |  |  |
| Charge Depleting Bag/Phase # | Test Result/Emission Name                | Unrounded Test Result                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                 |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 16                           | Carbon-Related Exhaust Emissions         | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |  |                                                                                                                                                                 |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 17                           | Drive Trace Absolute Speed Change Rating | 0.69                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                 |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 18                           | Drive Trace Energy Economy Rating        | 0.44                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                 |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 19                           | Drive Trace Inertia Work Ratio Rating    | 0.99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |                                                                                                                                                                 |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 20                           | Manufacturer Fuel Economy                | 25.75                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                                                                                                                                                                 |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                              |                                          | Manufacturer Test Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | R1S - Drive Mode: Conserve with 21" Tires. Cycle 1: 275.48 Wh/mi, Cycle 2: 262.77 Wh/mi, Cycle 3: 258.57 Wh/mi, Cycle 4: 257.45 Wh/mi. MCT Energy: 128961.76 Wh |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                              |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                 |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
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|                              |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                 |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                              |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                 |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                              |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |                                                                                                                                                                 |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
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## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PRIVT00.0194                                                                                                      | <b>Evaporative/Refueling Family</b>           | --                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------------|------------------------------|---------------------------|-----------------------|---|----------------------------------|---|---|------------------------------------------|------|---|-----------------------------------|------|---|---------------------------------------|------|----|---------------------------|-------|
| <b>Test #</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>PRIV10077401</b>                                                                                               | <b>Test Procedure</b>                         | <b>84 - Charge Depleting Highway</b> |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | --                                                                                                                | <b>Test Fuel Type</b>                         | 62 - Electricity                     |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Test Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10/06/2022                                                                                                        | <b>Fuel</b>                                   | Electricity                          |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Fuel Batch ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | --                                                                                                                | <b>Fuel Calibration Number</b>                | --                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Vehicle Class</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MDPV (Federal Tier 2, GVWR 8501-10000)                                                                            | <b>DF Type</b>                                | EPA Assigned                         |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Verify Test Lab ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FEV Michigan                                                                                                      |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | --                                                                                                                |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 9006                                                                                                              | <b>Odometer Units</b>                         | M                                    |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>4WD Test Dyno</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Yes                                                                                                               | <b>Diesel Adjustment Factor Usage</b>         | --                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>State of Charge Delta</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Yes                                                                                                               |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Drive Cycle Speed Tolerance Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Used Part 86 (+/- 2 mph, +/- 1 sec)                                                                               | <b>Road Speed Fan Usage</b>                   | Yes                                  |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>PHEV/EV Charge Depleting Test Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                   |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Recharge Event Voltage</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 240                                                                                                               | <b>Recharge Event Energy (kiloWatt-hours)</b> | 150.64                               |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Range (Calculated miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 447.53                                                                                                            | <b>Charge Depleting Range (Actual miles)</b>  | 447.53                               |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>All Electric Range Unadjusted (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | --                                                                                                                | <b>Derived 5-Cycle Coefficient Model Year</b> | --                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Equivalent All Electric Range (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 447.53                                                                                                            |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Number of Charge Depleting Bags/Phases Conducted</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2                                                                                                                 | <b>Transition Bag/Phase Number</b>            | --                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                   |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>2</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>3.21</td> </tr> <tr> <td>3</td> <td>Drive Trace Energy Economy Rating</td> <td>0.59</td> </tr> <tr> <td>4</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>4.22</td> </tr> <tr> <td>5</td> <td>Manufacturer Fuel Economy</td> <td>35.93</td> </tr> </tbody> </table>  |                                                                                                                   |                                               |                                      | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 1 | Carbon-Related Exhaust Emissions | 0 | 2 | Drive Trace Absolute Speed Change Rating | 3.21 | 3 | Drive Trace Energy Economy Rating | 0.59 | 4 | Drive Trace Inertia Work Ratio Rating | 4.22 | 5  | Manufacturer Fuel Economy | 35.93 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Test Result/Emission Name                                                                                         | Unrounded Test Result                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Carbon-Related Exhaust Emissions                                                                                  | 0                                             |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Absolute Speed Change Rating                                                                          | 3.21                                          |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Energy Economy Rating                                                                                 | 0.59                                          |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Inertia Work Ratio Rating                                                                             | 4.22                                          |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Manufacturer Fuel Economy                                                                                         | 35.93                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                   |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>7</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>1.73</td> </tr> <tr> <td>8</td> <td>Drive Trace Energy Economy Rating</td> <td>0.23</td> </tr> <tr> <td>9</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>1.95</td> </tr> <tr> <td>10</td> <td>Manufacturer Fuel Economy</td> <td>35.59</td> </tr> </tbody> </table> |                                                                                                                   |                                               |                                      | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 6 | Carbon-Related Exhaust Emissions | 0 | 7 | Drive Trace Absolute Speed Change Rating | 1.73 | 8 | Drive Trace Energy Economy Rating | 0.23 | 9 | Drive Trace Inertia Work Ratio Rating | 1.95 | 10 | Manufacturer Fuel Economy | 35.59 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Test Result/Emission Name                                                                                         | Unrounded Test Result                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Carbon-Related Exhaust Emissions                                                                                  | 0                                             |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Absolute Speed Change Rating                                                                          | 1.73                                          |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Energy Economy Rating                                                                                 | 0.23                                          |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Inertia Work Ratio Rating                                                                             | 1.95                                          |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Manufacturer Fuel Economy                                                                                         | 35.59                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Manufacturer Test Comments</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | R1S - Drive Mode: Conserve with 21" Tires. Cycle 1: 291.44 Wh/mi, Cycle 2: 284.89 Wh/mi. MCT Energy: 128961.76 Wh |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |

## Certification Summary Information Report

| Test Group           |               | PRIVT00.0194         |               |                |     | Evaporative/Refueling Family |                          |        |         | --                  |          |           |
|----------------------|---------------|----------------------|---------------|----------------|-----|------------------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| Certification Region | Useful Life   | Standard Level       | Emission Name | Rounded Result | RAF | NMOG/NM HC Ratio             | Diesel Adjustment Factor | Add DF | Mult DF | Certification Level | Standard | Pass/Fail |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --  | --                           | --                       | 0      | --      | 0                   | --       | --        |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --  | --                           | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0              | --  | --                           | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0              | --  | --                           | --                       | 0      | --      | 0                   | --       | --        |

## Certification Summary Information Report

|                   |              |                                     |    |
|-------------------|--------------|-------------------------------------|----|
| <b>Test Group</b> | PRIVT00.0194 | <b>Evaporative/Refueling Family</b> | -- |
|-------------------|--------------|-------------------------------------|----|

  
**Emission Data Vehicle Information**

|                                         |                  |                                                  |    |
|-----------------------------------------|------------------|--------------------------------------------------|----|
| <b>Vehicle ID / Configuration</b>       | R1S0054R22AP / 0 | <b>Manufacturer Vehicle Configuration Number</b> | 0  |
| <b>Original Test Group Name</b>         | PRIVT00.0194     | <b>Original Evaporative/Refueling Family</b>     | -- |
| <b>Original Test Vehicle Model Year</b> | 2023             |                                                  |    |

**Vehicle Model**

|                                      |        |                                       |          |
|--------------------------------------|--------|---------------------------------------|----------|
| <b>Represented Test Vehicle Make</b> | Rivian | <b>Represented Test Vehicle Model</b> | R1S 22in |
|--------------------------------------|--------|---------------------------------------|----------|

  
**Leak Family Details**

|                               |    |                         |    |
|-------------------------------|----|-------------------------|----|
| <b>Leak Family Identifier</b> | -- | <b>Leak Family Name</b> | -- |
|-------------------------------|----|-------------------------|----|

  
**Drive Sources and Fuel System Details**

| Drive Source and Fuel# | Drive Source   | Fuel        |
|------------------------|----------------|-------------|
| 1                      | Electric Motor | Electricity |

  

|                                           |                                                                                                 |                                                       |                         |
|-------------------------------------------|-------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------|
| <b>Hybrid Indicator</b>                   | No                                                                                              | <b>Multiple Fuel Combustion</b>                       | --                      |
| <b>Multiple Fuel Storage</b>              | --                                                                                              | <b>Rechargeable Energy Storage System Indicator</b>   | Yes                     |
| <b>Fuel Cell Indicator</b>                | No                                                                                              | <b>Rechargeable Energy Storage System, if 'Other'</b> | --                      |
| <b>Rechargeable Energy Storage System</b> | Battery(s)                                                                                      |                                                       |                         |
| <b>Off-board charge Capable Indicator</b> | Yes                                                                                             |                                                       |                         |
| <b>Odometer Correction -- Initial</b>     | 1                                                                                               | <b>Odometer Correction Factor</b>                     | 1                       |
| <b>Odometer Correction Sign</b>           | + = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles |                                                       |                         |
| <b>Odometer Correction Units</b>          | Miles                                                                                           |                                                       |                         |
| <b>Engine Code</b>                        | 132X2110X2OS                                                                                    | <b>Rated Horsepower</b>                               | 872                     |
| <b>Displacement (liters)</b>              | 99.999                                                                                          |                                                       |                         |
| <b>Air Aspiration Method</b>              | Naturally Aspirated                                                                             | <b>Air Aspiration Method, if 'Other'</b>              | Electric                |
| <b>Number of Air Aspiration Devices</b>   | --                                                                                              | <b>Air Aspiration Device Configuration</b>            | --                      |
| <b>Charge Air Cooler Type</b>             | --                                                                                              | <b>Drive Mode While Testing</b>                       | Part-time 4-Wheel Drive |
| <b>Shift Indicator Light Usage</b>        | Not equipped                                                                                    | <b>Aged Emission Components</b>                       | 4,000 (mi)              |
| <b>Curb Weight (lbs)</b>                  | 6856                                                                                            | <b>Equivalent Test Weight (pounds)</b>                | 7000                    |
| <b>GVWR (lbs)</b>                         | --                                                                                              | <b>N/V Ratio</b>                                      | 999.9                   |
| <b>Axle Ratio</b>                         | 9.99                                                                                            |                                                       |                         |
| <b>Transmission Type</b>                  | Automatic                                                                                       | <b># of Transmission Gears</b>                        | 1                       |
| <b>Transmission Lockup</b>                | No                                                                                              | <b>Creep Gear</b>                                     | No                      |

  
**Dynamometer Coefficients:**

| Target Coefficients  |         |             |                | Set Coefficients |             |                | EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients |
|----------------------|---------|-------------|----------------|------------------|-------------|----------------|-------------------------------------------------------------------------------|
| Coefficient Category | A (lbf) | B (lbf/mph) | C (lbf/mph**2) | A (lbf)          | B (lbf/mph) | C (lbf/mph**2) |                                                                               |
| City/Highway/Evap    | 61.59   | 0.2581      | 0.02979        | -3.3             | 0.0455      | 0.02895        | 19.9                                                                          |
| US06                 | 61.59   | 0.2581      | 0.02979        | -3.3             | 0.0455      | 0.02895        | N/A                                                                           |

## Certification Summary Information Report

|                                           |                                                                                                                                                   |                                     |    |
|-------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----|
| <b>Test Group</b>                         | PRIVT00.0194                                                                                                                                      | <b>Evaporative/Refueling Family</b> | -- |
| <b>Emission Control Device Comments</b>   | Battery Electric Vehicle                                                                                                                          |                                     |    |
| <b>Manufacturer Test Vehicle Comments</b> | All-Purpose drive mode configuration N/V Ratio and Axle Ratio entered above are placeholders Actual Values: N/V Ratio: 128.75, Axle Ratio: 12.6:1 |                                     |    |

## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PRIVT00.0194                             | <b>Evaporative/Refueling Family</b>           | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----------------------------------------------|-----------------------------------|------------------------------|---------------------------|-----------------------|---|----------------------------------|---|---|------------------------------------------|-------|---|-----------------------------------|-------|---|---------------------------------------|-------|----|---------------------------|-------|
| <b>Test #</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>PRIV10077381</b>                      | <b>Test Procedure</b>                         | <b>81 - Charge Depleting UDDS</b> |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | --                                       | <b>Test Fuel Type</b>                         | 62 - Electricity                  |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Test Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 09/09/2022                               | <b>Fuel</b>                                   | Electricity                       |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Fuel Batch ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | --                                       | <b>Fuel Calibration Number</b>                | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Vehicle Class</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MDPV (Federal Tier 2, GVWR 8501-10000)   | <b>DF Type</b>                                | EPA Assigned                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Verify Test Lab ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FEV Michigan                             |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | --                                       |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 5482                                     | <b>Odometer Units</b>                         | M                                 |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>4WD Test Dyno</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Yes                                      | <b>Diesel Adjustment Factor Usage</b>         | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>State of Charge Delta</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Yes                                      |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Drive Cycle Speed Tolerance Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Used Part 86 (+/- 2 mph, +/- 1 sec)      | <b>Road Speed Fan Usage</b>                   | Yes                               |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>PHEV/EV Charge Depleting Test Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Recharge Event Voltage</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 240                                      | <b>Recharge Event Energy (kiloWatt-hours)</b> | 148.34                            |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Range (Calculated miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 419.01                                   | <b>Charge Depleting Range (Actual miles)</b>  | 419.01                            |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>All Electric Range Unadjusted (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | --                                       | <b>Derived 5-Cycle Coefficient Model Year</b> | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Equivalent All Electric Range (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 419.01                                   |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Number of Charge Depleting Bags/Phases Conducted</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4                                        | <b>Transition Bag/Phase Number</b>            | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>2</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>-1.66</td> </tr> <tr> <td>3</td> <td>Drive Trace Energy Economy Rating</td> <td>-1.37</td> </tr> <tr> <td>4</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-2.67</td> </tr> <tr> <td>5</td> <td>Manufacturer Fuel Economy</td> <td>31.22</td> </tr> </tbody> </table>  |                                          |                                               |                                   | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 1 | Carbon-Related Exhaust Emissions | 0 | 2 | Drive Trace Absolute Speed Change Rating | -1.66 | 3 | Drive Trace Energy Economy Rating | -1.37 | 4 | Drive Trace Inertia Work Ratio Rating | -2.67 | 5  | Manufacturer Fuel Economy | 31.22 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Test Result/Emission Name                | Unrounded Test Result                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Carbon-Related Exhaust Emissions         | 0                                             |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Absolute Speed Change Rating | -1.66                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Energy Economy Rating        | -1.37                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Inertia Work Ratio Rating    | -2.67                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Manufacturer Fuel Economy                | 31.22                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
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| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Test Result/Emission Name                | Unrounded Test Result                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Carbon-Related Exhaust Emissions         | 0                                             |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Absolute Speed Change Rating | -1.44                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Energy Economy Rating        | -1.05                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Inertia Work Ratio Rating    | -2.31                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Manufacturer Fuel Economy                | 30.22                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |

## Certification Summary Information Report

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                          |                              |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------|---------------|------------------------------|---------------------------|-----------------------|--------------------------|----------------------------------|---------|---------------------|------------------------------------------|-----------|----|-----------------------------------|-------|----|---------------------------------------|-------|----|---------------------------|-------|
| Test Group                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PRIVT00.0194                             | Evaporative/Refueling Family | --            |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| <table><tr><td>Charge Depleting Bag/Phase #</td><td>Test Result/Emission Name</td><td>Unrounded Test Result</td></tr><tr><td>11</td><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>12</td><td>Drive Trace Absolute Speed Change Rating</td><td>-2.04</td></tr><tr><td>13</td><td>Drive Trace Energy Economy Rating</td><td>-1.84</td></tr><tr><td>14</td><td>Drive Trace Inertia Work Ratio Rating</td><td>-3.45</td></tr><tr><td>15</td><td>Manufacturer Fuel Economy</td><td>33.17</td></tr></table> |                                          |                              |               | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 11                       | Carbon-Related Exhaust Emissions | 0       | 12                  | Drive Trace Absolute Speed Change Rating | -2.04     | 13 | Drive Trace Energy Economy Rating | -1.84 | 14 | Drive Trace Inertia Work Ratio Rating | -3.45 | 15 | Manufacturer Fuel Economy | 33.17 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Test Result/Emission Name                | Unrounded Test Result        |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Carbon-Related Exhaust Emissions         | 0                            |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Drive Trace Absolute Speed Change Rating | -2.04                        |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Drive Trace Energy Economy Rating        | -1.84                        |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Drive Trace Inertia Work Ratio Rating    | -3.45                        |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Manufacturer Fuel Economy                | 33.17                        |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| Charge Depleting Bag/Phase                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                          |                              |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| <table><tr><td>Charge Depleting Bag/Phase #</td><td>Test Result/Emission Name</td><td>Unrounded Test Result</td></tr><tr><td>16</td><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>17</td><td>Drive Trace Absolute Speed Change Rating</td><td>-1.36</td></tr><tr><td>18</td><td>Drive Trace Energy Economy Rating</td><td>-1.2</td></tr><tr><td>19</td><td>Drive Trace Inertia Work Ratio Rating</td><td>-2.35</td></tr><tr><td>20</td><td>Manufacturer Fuel Economy</td><td>30.12</td></tr></table>  |                                          |                              |               | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 16                       | Carbon-Related Exhaust Emissions | 0       | 17                  | Drive Trace Absolute Speed Change Rating | -1.36     | 18 | Drive Trace Energy Economy Rating | -1.2  | 19 | Drive Trace Inertia Work Ratio Rating | -2.35 | 20 | Manufacturer Fuel Economy | 30.12 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Test Result/Emission Name                | Unrounded Test Result        |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Carbon-Related Exhaust Emissions         | 0                            |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Drive Trace Absolute Speed Change Rating | -1.36                        |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Drive Trace Energy Economy Rating        | -1.2                         |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Drive Trace Inertia Work Ratio Rating    | -2.35                        |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Manufacturer Fuel Economy                | 30.12                        |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| Manufacturer Test Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                          |                              |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| R1S - Drive Mode: All-Purpose with 22" Tires. Cycle 1: 331.70 Wh/mi, Cycle 2: 312.16 Wh/mi, Cycle 3: 302.25 Wh/mi, Cycle 4: 301.22 Wh/mi.<br>MCT Energy: 128100.21 Wh                                                                                                                                                                                                                                                                                                                                                   |                                          |                              |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| Certification Region                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Useful Life                              | Standard Level               | Emission Name | Rounded Result               | RAF                       | NMOG/NM HC Ratio      | Diesel Adjustment Factor | Add DF                           | Mult DF | Certification Level | Standard                                 | Pass/Fail |    |                                   |       |    |                                       |       |    |                           |       |
| Fed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 150,000 miles                            | Federal Tier 3 Bin 0         | CREE          | 0                            | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |       |    |                                       |       |    |                           |       |
| Fed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 150,000 miles                            | Federal Tier 3 Bin 0         | CREE          | 0                            | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |       |    |                                       |       |    |                           |       |
| Fed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 150,000 miles                            | Federal Tier 3 Bin 0         | CREE          | 0                            | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |       |    |                                       |       |    |                           |       |
| Fed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 150,000 miles                            | Federal Tier 3 Bin 0         | CREE          | 0                            | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |       |    |                                       |       |    |                           |       |
| CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 120,000 miles                            | California ZEV               | CREE          | 0                            | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |       |    |                                       |       |    |                           |       |
| CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 120,000 miles                            | California ZEV               | CREE          | 0                            | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |       |    |                                       |       |    |                           |       |
| CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 120,000 miles                            | California ZEV               | CREE          | 0                            | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |       |    |                                       |       |    |                           |       |
| CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 120,000 miles                            | California ZEV               | CREE          | 0                            | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |       |    |                                       |       |    |                           |       |

## Certification Summary Information Report

| <b>Test Group</b>                                       | PRIVT00.0194                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Evaporative/Refueling Family</b>           | --                                   |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------------|-----------------------|---|----------------------------------|---|---|------------------------------------------|-------|---|-----------------------------------|-------|---|---------------------------------------|-------|----|---------------------------|-------|--|
| <b>Test #</b>                                           | <b>PRIV10077382</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Test Procedure</b>                         | <b>84 - Charge Depleting Highway</b> |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>Exhaust Test # for this Evap Test</b>                | --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Test Fuel Type</b>                         | 62 - Electricity                     |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>Test Date</b>                                        | 09/09/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Fuel</b>                                   | Electricity                          |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>Fuel Batch ID</b>                                    | --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Fuel Calibration Number</b>                | --                                   |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>Vehicle Class</b>                                    | MDPV (Federal Tier 2, GVWR 8501-10000)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>DF Type</b>                                | EPA Assigned                         |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>Verify Test Lab ID</b>                               | FEV Michigan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                               |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>E10 Evaporative Test Measurement Method</b>          | --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                               |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>Test Start Odometer Reading</b>                      | 5482                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Odometer Units</b>                         | M                                    |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>4WD Test Dyno</b>                                    | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Diesel Adjustment Factor Usage</b>         | --                                   |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>State of Charge Delta</b>                            | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                               |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>Drive Cycle Speed Tolerance Criteria</b>             | Used Part 86 (+/- 2 mph, +/- 1 sec)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Road Speed Fan Usage</b>                   | Yes                                  |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>PHEV/EV Charge Depleting Test Information</b>        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                               |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>Recharge Event Voltage</b>                           | 240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Recharge Event Energy (kiloWatt-hours)</b> | 148.34                               |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>Charge Depleting Range (Calculated miles)</b>        | 357.12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Charge Depleting Range (Actual miles)</b>  | 357.12                               |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>All Electric Range Unadjusted (miles)</b>            | --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Derived 5-Cycle Coefficient Model Year</b> | --                                   |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>Equivalent All Electric Range (miles)</b>            | 357.12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                               |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>Number of Charge Depleting Bags/Phases Conducted</b> | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>Transition Bag/Phase Number</b>            | --                                   |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>Charge Depleting Bag/Phase</b>                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                               |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
|                                                         | <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>2</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>-2.83</td> </tr> <tr> <td>3</td> <td>Drive Trace Energy Economy Rating</td> <td>-0.22</td> </tr> <tr> <td>4</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-3.69</td> </tr> <tr> <td>5</td> <td>Manufacturer Fuel Economy</td> <td>35.29</td> </tr> </tbody> </table>  | Charge Depleting Bag/Phase #                  | Test Result/Emission Name            | Unrounded Test Result | 1 | Carbon-Related Exhaust Emissions | 0 | 2 | Drive Trace Absolute Speed Change Rating | -2.83 | 3 | Drive Trace Energy Economy Rating | -0.22 | 4 | Drive Trace Inertia Work Ratio Rating | -3.69 | 5  | Manufacturer Fuel Economy | 35.29 |  |
| Charge Depleting Bag/Phase #                            | Test Result/Emission Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Unrounded Test Result                         |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| 1                                                       | Carbon-Related Exhaust Emissions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0                                             |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| 2                                                       | Drive Trace Absolute Speed Change Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -2.83                                         |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| 3                                                       | Drive Trace Energy Economy Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -0.22                                         |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| 4                                                       | Drive Trace Inertia Work Ratio Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -3.69                                         |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| 5                                                       | Manufacturer Fuel Economy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 35.29                                         |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>Charge Depleting Bag/Phase</b>                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                               |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
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| Charge Depleting Bag/Phase #                            | Test Result/Emission Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Unrounded Test Result                         |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| 6                                                       | Carbon-Related Exhaust Emissions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 0                                             |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| 7                                                       | Drive Trace Absolute Speed Change Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | -2.91                                         |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| 8                                                       | Drive Trace Energy Economy Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -0.16                                         |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| 9                                                       | Drive Trace Inertia Work Ratio Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -3.62                                         |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| 10                                                      | Manufacturer Fuel Economy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 36.45                                         |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>Manufacturer Test Comments</b>                       | R1S - Drive Mode: All-Purpose with 22" Tires. Cycle 1: 364.55 Wh/mi, Cycle 2: 352.86 Wh/mi. MCT Energy: 128100.21 Wh                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                               |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |

## Certification Summary Information Report

| Test Group           |               | PRIVT00.0194         |               |                |     | Evaporative/Refueling Family |                          |        |         | --                  |          |           |
|----------------------|---------------|----------------------|---------------|----------------|-----|------------------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| Certification Region | Useful Life   | Standard Level       | Emission Name | Rounded Result | RAF | NMOG/NM HC Ratio             | Diesel Adjustment Factor | Add DF | Mult DF | Certification Level | Standard | Pass/Fail |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --  | --                           | --                       | 0      | --      | 0                   | --       | --        |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --  | --                           | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0              | --  | --                           | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0              | --  | --                           | --                       | 0      | --      | 0                   | --       | --        |

## Certification Summary Information Report

| <b>Test Group</b>                            | PRIVT00.0194                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Evaporative/Refueling Family</b>                   | --                      |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------|---------------------|-------------|-------------------------------------------------------------------------------|------------------|--|--|-------------------------------------------------------------------------------|----------------------|---------|-------------|----------------|---------|-------------|----------------|-------------------|-------|--------|---------|-------|--------|---------|----|------|-------|--------|---------|-------|--------|---------|-----|
| <b>Emission Data Vehicle Information</b>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                       |                         |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| <b>Vehicle ID / Configuration</b>            | R1S0054R22C / 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Manufacturer Vehicle Configuration Number</b>      | 0                       |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| <b>Original Test Group Name</b>              | PRIVT00.0194                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Original Evaporative/Refueling Family</b>          | --                      |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| <b>Original Test Vehicle Model Year</b>      | 2023                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                       |                         |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| <b>Vehicle Model</b>                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                       |                         |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| <b>Represented Test Vehicle Make</b>         | Rivian                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>Represented Test Vehicle Model</b>                 | R1S 22in                |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| <b>Leak Family Details</b>                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                       |                         |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| <b>Leak Family Identifier</b>                | --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Leak Family Name</b>                               | --                      |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| <b>Drive Sources and Fuel System Details</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                       |                         |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
|                                              | <table border="1"> <tr> <th>Drive Source and Fuel#</th> <th>Drive Source</th> <th>Fuel</th> </tr> <tr> <td>1</td> <td>Electric Motor</td> <td>Electricity</td> </tr> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Drive Source and Fuel#                                | Drive Source            | Fuel                | 1           | Electric Motor                                                                | Electricity      |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| Drive Source and Fuel#                       | Drive Source                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Fuel                                                  |                         |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| 1                                            | Electric Motor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Electricity                                           |                         |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| <b>Hybrid Indicator</b>                      | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                       |                         |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| <b>Multiple Fuel Storage</b>                 | --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Multiple Fuel Combustion</b>                       | --                      |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| <b>Fuel Cell Indicator</b>                   | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Rechargeable Energy Storage System Indicator</b>   | Yes                     |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| <b>Rechargeable Energy Storage System</b>    | Battery(s)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Rechargeable Energy Storage System, if 'Other'</b> | --                      |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| <b>Off-board charge Capable Indicator</b>    | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                       |                         |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| <b>Odometer Correction -- Initial</b>        | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <b>Odometer Correction Factor</b>                     | 1                       |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| <b>Odometer Correction Sign</b>              | + = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                       |                         |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| <b>Odometer Correction Units</b>             | Miles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                       |                         |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| <b>Engine Code</b>                           | 132X2110X2OS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Rated Horsepower</b>                               | 872                     |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| <b>Displacement (liters)</b>                 | 99.999                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                       |                         |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| <b>Air Aspiration Method</b>                 | Naturally Aspirated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Air Aspiration Method, if 'Other'</b>              | Electric                |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| <b>Number of Air Aspiration Devices</b>      | --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Air Aspiration Device Configuration</b>            | --                      |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| <b>Charge Air Cooler Type</b>                | --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Drive Mode While Testing</b>                       | Part-time 4-Wheel Drive |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| <b>Shift Indicator Light Usage</b>           | Not equipped                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Aged Emission Components</b>                       | 4,000 (mi)              |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| <b>Curb Weight (lbs)</b>                     | 6856                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>Equivalent Test Weight (pounds)</b>                | 7000                    |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| <b>GVWR (lbs)</b>                            | --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>N/V Ratio</b>                                      | 999.9                   |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| <b>Axle Ratio</b>                            | 9.99                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                       |                         |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| <b>Transmission Type</b>                     | Automatic                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b># of Transmission Gears</b>                        | 1                       |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| <b>Transmission Lockup</b>                   | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Creep Gear</b>                                     | No                      |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| <b>Dynamometer Coefficients:</b>             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                       |                         |                     |             |                                                                               |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
|                                              | <table border="1"> <thead> <tr> <th colspan="3">Target Coefficients</th> <th colspan="3">Set Coefficients</th> <th rowspan="2">EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients</th> </tr> <tr> <th>Coefficient Category</th> <th>A (lbf)</th> <th>B (lbf/mph)</th> <th>C (lbf/mph**2)</th> <th>A (lbf)</th> <th>B (lbf/mph)</th> <th>C (lbf/mph**2)</th> </tr> </thead> <tbody> <tr> <td>City/Highway/Evap</td> <td>60.45</td> <td>0.1345</td> <td>0.02712</td> <td>-7.66</td> <td>0.0958</td> <td>0.02611</td> <td>18</td> </tr> <tr> <td>US06</td> <td>60.45</td> <td>0.1345</td> <td>0.02712</td> <td>-7.66</td> <td>0.0958</td> <td>0.02611</td> <td>N/A</td> </tr> </tbody> </table> |                                                       |                         | Target Coefficients |             |                                                                               | Set Coefficients |  |  | EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients | Coefficient Category | A (lbf) | B (lbf/mph) | C (lbf/mph**2) | A (lbf) | B (lbf/mph) | C (lbf/mph**2) | City/Highway/Evap | 60.45 | 0.1345 | 0.02712 | -7.66 | 0.0958 | 0.02611 | 18 | US06 | 60.45 | 0.1345 | 0.02712 | -7.66 | 0.0958 | 0.02611 | N/A |
| Target Coefficients                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                       | Set Coefficients        |                     |             | EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients |                  |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| Coefficient Category                         | A (lbf)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | B (lbf/mph)                                           | C (lbf/mph**2)          | A (lbf)             | B (lbf/mph) |                                                                               | C (lbf/mph**2)   |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| City/Highway/Evap                            | 60.45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.1345                                                | 0.02712                 | -7.66               | 0.0958      | 0.02611                                                                       | 18               |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |
| US06                                         | 60.45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 0.1345                                                | 0.02712                 | -7.66               | 0.0958      | 0.02611                                                                       | N/A              |  |  |                                                                               |                      |         |             |                |         |             |                |                   |       |        |         |       |        |         |    |      |       |        |         |       |        |         |     |

## Certification Summary Information Report

|                                           |                                                                                                                                                |                                     |    |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------|----|
| <b>Test Group</b>                         | PRIVT00.0194                                                                                                                                   | <b>Evaporative/Refueling Family</b> | -- |
| <b>Emission Control Device Comments</b>   | Battery Electric Vehicle                                                                                                                       |                                     |    |
| <b>Manufacturer Test Vehicle Comments</b> | Conserve drive mode configuration N/V Ratio and Axle Ratio entered above are placeholders Actual Values: N/V Ratio: 128.75, Axle Ratio: 12.6:1 |                                     |    |

## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PRIVT00.0194                             | <b>Evaporative/Refueling Family</b>           | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----------------------------------------------|-----------------------------------|------------------------------|---------------------------|-----------------------|---|----------------------------------|---|---|------------------------------------------|-------|---|-----------------------------------|-------|---|---------------------------------------|-------|----|---------------------------|-------|
| <b>Test #</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>PRIV10077384</b>                      | <b>Test Procedure</b>                         | <b>81 - Charge Depleting UDDS</b> |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | --                                       | <b>Test Fuel Type</b>                         | 62 - Electricity                  |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Test Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 09/07/2022                               | <b>Fuel</b>                                   | Electricity                       |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Fuel Batch ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | --                                       | <b>Fuel Calibration Number</b>                | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Vehicle Class</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MDPV (Federal Tier 2, GVWR 8501-10000)   | <b>DF Type</b>                                | EPA Assigned                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Verify Test Lab ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FEV Michigan                             |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | --                                       |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 4824                                     | <b>Odometer Units</b>                         | M                                 |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>4WD Test Dyno</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Yes                                      | <b>Diesel Adjustment Factor Usage</b>         | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>State of Charge Delta</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Yes                                      |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Drive Cycle Speed Tolerance Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Used Part 86 (+/- 2 mph, +/- 1 sec)      | <b>Road Speed Fan Usage</b>                   | Yes                               |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>PHEV/EV Charge Depleting Test Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Recharge Event Voltage</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 240                                      | <b>Recharge Event Energy (kiloWatt-hours)</b> | 148.35                            |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Range (Calculated miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 466.2                                    | <b>Charge Depleting Range (Actual miles)</b>  | 466.2                             |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>All Electric Range Unadjusted (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | --                                       | <b>Derived 5-Cycle Coefficient Model Year</b> | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Equivalent All Electric Range (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 466.2                                    |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Number of Charge Depleting Bags/Phases Conducted</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 4                                        | <b>Transition Bag/Phase Number</b>            | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
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| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Test Result/Emission Name                | Unrounded Test Result                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Carbon-Related Exhaust Emissions         | 0                                             |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Absolute Speed Change Rating | -1.39                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Energy Economy Rating        | -1.05                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Inertia Work Ratio Rating    | -2.44                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Manufacturer Fuel Economy                | 27.68                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
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| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Test Result/Emission Name                | Unrounded Test Result                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Carbon-Related Exhaust Emissions         | 0                                             |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Absolute Speed Change Rating | -1.53                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Energy Economy Rating        | -1.41                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Inertia Work Ratio Rating    | -2.46                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Manufacturer Fuel Economy                | 29                                            |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |

## Certification Summary Information Report

| Test Group                                                                                                                                                      |               | PRIVT00.0194                 |               | Evaporative/Refueling Family             |     | --                    |                          |        |         |                     |          |           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|------------------------------|---------------|------------------------------------------|-----|-----------------------|--------------------------|--------|---------|---------------------|----------|-----------|
|                                                                                                                                                                 |               | Charge Depleting Bag/Phase # |               | Test Result/Emission Name                |     | Unrounded Test Result |                          |        |         |                     |          |           |
|                                                                                                                                                                 |               | 11                           |               | Carbon-Related Exhaust Emissions         |     | 0                     |                          |        |         |                     |          |           |
|                                                                                                                                                                 |               | 12                           |               | Drive Trace Absolute Speed Change Rating |     | 0.73                  |                          |        |         |                     |          |           |
|                                                                                                                                                                 |               | 13                           |               | Drive Trace Energy Economy Rating        |     | 1.46                  |                          |        |         |                     |          |           |
|                                                                                                                                                                 |               | 14                           |               | Drive Trace Inertia Work Ratio Rating    |     | 2.18                  |                          |        |         |                     |          |           |
|                                                                                                                                                                 |               | 15                           |               | Manufacturer Fuel Economy                |     | 27.7                  |                          |        |         |                     |          |           |
| Charge Depleting Bag/Phase                                                                                                                                      |               |                              |               |                                          |     |                       |                          |        |         |                     |          |           |
|                                                                                                                                                                 |               | Charge Depleting Bag/Phase # |               | Test Result/Emission Name                |     | Unrounded Test Result |                          |        |         |                     |          |           |
|                                                                                                                                                                 |               | 16                           |               | Carbon-Related Exhaust Emissions         |     | 0                     |                          |        |         |                     |          |           |
|                                                                                                                                                                 |               | 17                           |               | Drive Trace Absolute Speed Change Rating |     | -0.85                 |                          |        |         |                     |          |           |
|                                                                                                                                                                 |               | 18                           |               | Drive Trace Energy Economy Rating        |     | -0.63                 |                          |        |         |                     |          |           |
|                                                                                                                                                                 |               | 19                           |               | Drive Trace Inertia Work Ratio Rating    |     | -1.18                 |                          |        |         |                     |          |           |
|                                                                                                                                                                 |               | 20                           |               | Manufacturer Fuel Economy                |     | 27.23                 |                          |        |         |                     |          |           |
| Manufacturer Test Comments                                                                                                                                      |               |                              |               |                                          |     |                       |                          |        |         |                     |          |           |
| R1S - Drive Mode: Conserve with 22" Tires. Cycle 1: 290.04 Wh/mi, Cycle 2: 276.84 Wh/mi, Cycle 3: 276.97 Wh/mi, Cycle 4: 272.31 Wh/mi. MCT Energy: 128495.33 Wh |               |                              |               |                                          |     |                       |                          |        |         |                     |          |           |
| Certification Region                                                                                                                                            | Useful Life   | Standard Level               | Emission Name | Rounded Result                           | RAF | NMOG/NM HC Ratio      | Diesel Adjustment Factor | Add DF | Mult DF | Certification Level | Standard | Pass/Fail |
| Fed                                                                                                                                                             | 150,000 miles | Federal Tier 3 Bin 0         | CREE          | 0                                        | --  | --                    | --                       | 0      | --      | 0                   | --       | --        |
| Fed                                                                                                                                                             | 150,000 miles | Federal Tier 3 Bin 0         | CREE          | 0                                        | --  | --                    | --                       | 0      | --      | 0                   | --       | --        |
| Fed                                                                                                                                                             | 150,000 miles | Federal Tier 3 Bin 0         | CREE          | 0                                        | --  | --                    | --                       | 0      | --      | 0                   | --       | --        |
| Fed                                                                                                                                                             | 150,000 miles | Federal Tier 3 Bin 0         | CREE          | 0                                        | --  | --                    | --                       | 0      | --      | 0                   | --       | --        |
| CA                                                                                                                                                              | 120,000 miles | California ZEV               | CREE          | 0                                        | --  | --                    | --                       | 0      | --      | 0                   | --       | --        |
| CA                                                                                                                                                              | 120,000 miles | California ZEV               | CREE          | 0                                        | --  | --                    | --                       | 0      | --      | 0                   | --       | --        |
| CA                                                                                                                                                              | 120,000 miles | California ZEV               | CREE          | 0                                        | --  | --                    | --                       | 0      | --      | 0                   | --       | --        |
| CA                                                                                                                                                              | 120,000 miles | California ZEV               | CREE          | 0                                        | --  | --                    | --                       | 0      | --      | 0                   | --       | --        |

## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PRIVT00.0194                                                                                                      | <b>Evaporative/Refueling Family</b>           | --                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------------|------------------------------|---------------------------|-----------------------|---|----------------------------------|---|---|------------------------------------------|-------|---|-----------------------------------|-------|---|---------------------------------------|-------|----|---------------------------|-------|
| <b>Test #</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>PRIV10077385</b>                                                                                               | <b>Test Procedure</b>                         | <b>84 - Charge Depleting Highway</b> |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | --                                                                                                                | <b>Test Fuel Type</b>                         | 62 - Electricity                     |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Test Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 09/07/2022                                                                                                        | <b>Fuel</b>                                   | Electricity                          |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Fuel Batch ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | --                                                                                                                | <b>Fuel Calibration Number</b>                | --                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Vehicle Class</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | MDPV (Federal Tier 2, GVWR 8501-10000)                                                                            | <b>DF Type</b>                                | EPA Assigned                         |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Verify Test Lab ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FEV Michigan                                                                                                      |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | --                                                                                                                |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 4824                                                                                                              | <b>Odometer Units</b>                         | M                                    |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>4WD Test Dyno</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Yes                                                                                                               | <b>Diesel Adjustment Factor Usage</b>         | --                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>State of Charge Delta</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Yes                                                                                                               |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Drive Cycle Speed Tolerance Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Used Part 86 (+/- 2 mph, +/- 1 sec)                                                                               | <b>Road Speed Fan Usage</b>                   | Yes                                  |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>PHEV/EV Charge Depleting Test Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                   |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Recharge Event Voltage</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 240                                                                                                               | <b>Recharge Event Energy (kiloWatt-hours)</b> | 148.35                               |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Range (Calculated miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 413.08                                                                                                            | <b>Charge Depleting Range (Actual miles)</b>  | 413.08                               |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>All Electric Range Unadjusted (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | --                                                                                                                | <b>Derived 5-Cycle Coefficient Model Year</b> | --                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Equivalent All Electric Range (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 413.08                                                                                                            |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Number of Charge Depleting Bags/Phases Conducted</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2                                                                                                                 | <b>Transition Bag/Phase Number</b>            | --                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                   |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>2</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>-3.5</td> </tr> <tr> <td>3</td> <td>Drive Trace Energy Economy Rating</td> <td>-1.11</td> </tr> <tr> <td>4</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-4.28</td> </tr> <tr> <td>5</td> <td>Manufacturer Fuel Economy</td> <td>31.33</td> </tr> </tbody> </table>  |                                                                                                                   |                                               |                                      | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 1 | Carbon-Related Exhaust Emissions | 0 | 2 | Drive Trace Absolute Speed Change Rating | -3.5  | 3 | Drive Trace Energy Economy Rating | -1.11 | 4 | Drive Trace Inertia Work Ratio Rating | -4.28 | 5  | Manufacturer Fuel Economy | 31.33 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Test Result/Emission Name                                                                                         | Unrounded Test Result                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Carbon-Related Exhaust Emissions                                                                                  | 0                                             |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Absolute Speed Change Rating                                                                          | -3.5                                          |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Energy Economy Rating                                                                                 | -1.11                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Inertia Work Ratio Rating                                                                             | -4.28                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Manufacturer Fuel Economy                                                                                         | 31.33                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                   |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
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| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Test Result/Emission Name                                                                                         | Unrounded Test Result                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Carbon-Related Exhaust Emissions                                                                                  | 0                                             |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Absolute Speed Change Rating                                                                          | -1.28                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Energy Economy Rating                                                                                 | 0.09                                          |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Inertia Work Ratio Rating                                                                             | -1.74                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Manufacturer Fuel Economy                                                                                         | 30.88                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Manufacturer Test Comments</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | R1S - Drive Mode: Conserve with 22" Tires. Cycle 1: 313.33 Wh/mi, Cycle 2: 308.79 Wh/mi. MCT Energy: 128495.33 Wh |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |

## Certification Summary Information Report

| Test Group           |               | PRIVT00.0194         |               |                |     | Evaporative/Refueling Family |                          |        |         | --                  |          |           |
|----------------------|---------------|----------------------|---------------|----------------|-----|------------------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| Certification Region | Useful Life   | Standard Level       | Emission Name | Rounded Result | RAF | NMOG/NM HC Ratio             | Diesel Adjustment Factor | Add DF | Mult DF | Certification Level | Standard | Pass/Fail |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --  | --                           | --                       | 0      | --      | 0                   | --       | --        |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --  | --                           | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0              | --  | --                           | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0              | --  | --                           | --                       | 0      | --      | 0                   | --       | --        |

## Certification Summary Information Report

| <b>Test Group</b>                            | PRIVT00.0194                                                                                                                                                            | <b>Evaporative/Refueling Family</b>                   | --              |      |   |                |             |  |  |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-----------------|------|---|----------------|-------------|--|--|
| <b>Emission Data Vehicle Information</b>     |                                                                                                                                                                         |                                                       |                 |      |   |                |             |  |  |
| <b>Vehicle ID / Configuration</b>            | R1T2301R21 / 0                                                                                                                                                          | <b>Manufacturer Vehicle Configuration Number</b>      | 0               |      |   |                |             |  |  |
| <b>Original Test Group Name</b>              | PRIVT00.0194                                                                                                                                                            | <b>Original Evaporative/Refueling Family</b>          | --              |      |   |                |             |  |  |
| <b>Original Test Vehicle Model Year</b>      | 2023                                                                                                                                                                    |                                                       |                 |      |   |                |             |  |  |
| <b>Vehicle Model</b>                         |                                                                                                                                                                         |                                                       |                 |      |   |                |             |  |  |
| <b>Represented Test Vehicle Make</b>         | Rivian                                                                                                                                                                  | <b>Represented Test Vehicle Model</b>                 | R1T 21          |      |   |                |             |  |  |
| <b>Leak Family Details</b>                   |                                                                                                                                                                         |                                                       |                 |      |   |                |             |  |  |
| <b>Leak Family Identifier</b>                | --                                                                                                                                                                      | <b>Leak Family Name</b>                               | --              |      |   |                |             |  |  |
| <b>Drive Sources and Fuel System Details</b> |                                                                                                                                                                         |                                                       |                 |      |   |                |             |  |  |
|                                              | <table border="1"> <tr> <th>Drive Source and Fuel#</th><th>Drive Source</th><th>Fuel</th></tr> <tr> <td>1</td><td>Electric Motor</td><td>Electricity</td></tr> </table> | Drive Source and Fuel#                                | Drive Source    | Fuel | 1 | Electric Motor | Electricity |  |  |
| Drive Source and Fuel#                       | Drive Source                                                                                                                                                            | Fuel                                                  |                 |      |   |                |             |  |  |
| 1                                            | Electric Motor                                                                                                                                                          | Electricity                                           |                 |      |   |                |             |  |  |
| <b>Hybrid Indicator</b>                      | No                                                                                                                                                                      |                                                       |                 |      |   |                |             |  |  |
| <b>Multiple Fuel Storage</b>                 | --                                                                                                                                                                      | <b>Multiple Fuel Combustion</b>                       | --              |      |   |                |             |  |  |
| <b>Fuel Cell Indicator</b>                   | No                                                                                                                                                                      | <b>Rechargeable Energy Storage System Indicator</b>   | Yes             |      |   |                |             |  |  |
| <b>Rechargeable Energy Storage System</b>    | Battery(s)                                                                                                                                                              | <b>Rechargeable Energy Storage System, if 'Other'</b> | --              |      |   |                |             |  |  |
| <b>Off-board charge Capable Indicator</b>    | Yes                                                                                                                                                                     |                                                       |                 |      |   |                |             |  |  |
| <b>Odometer Correction -- Initial</b>        | 1                                                                                                                                                                       | <b>Odometer Correction Factor</b>                     | 1               |      |   |                |             |  |  |
| <b>Odometer Correction Sign</b>              | + = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles                                                                         |                                                       |                 |      |   |                |             |  |  |
| <b>Odometer Correction Units</b>             | Miles                                                                                                                                                                   |                                                       |                 |      |   |                |             |  |  |
| <b>Engine Code</b>                           | 132X2110X2OS                                                                                                                                                            | <b>Rated Horsepower</b>                               | 872             |      |   |                |             |  |  |
| <b>Displacement (liters)</b>                 | 99.999                                                                                                                                                                  |                                                       |                 |      |   |                |             |  |  |
| <b>Air Aspiration Method</b>                 | Naturally Aspirated                                                                                                                                                     | <b>Air Aspiration Method, if 'Other'</b>              | Electric        |      |   |                |             |  |  |
| <b>Number of Air Aspiration Devices</b>      | --                                                                                                                                                                      | <b>Air Aspiration Device Configuration</b>            | --              |      |   |                |             |  |  |
| <b>Charge Air Cooler Type</b>                | --                                                                                                                                                                      | <b>Drive Mode While Testing</b>                       | All Wheel Drive |      |   |                |             |  |  |
| <b>Shift Indicator Light Usage</b>           | Not equipped                                                                                                                                                            | <b>Aged Emission Components</b>                       | 4,000 (mi)      |      |   |                |             |  |  |
| <b>Curb Weight (lbs)</b>                     | 6916                                                                                                                                                                    | <b>Equivalent Test Weight (pounds)</b>                | 7000            |      |   |                |             |  |  |
| <b>GVWR (lbs)</b>                            | --                                                                                                                                                                      | <b>N/V Ratio</b>                                      | 999.9           |      |   |                |             |  |  |
| <b>Axle Ratio</b>                            | 9.99                                                                                                                                                                    |                                                       |                 |      |   |                |             |  |  |
| <b>Transmission Type</b>                     | Automatic                                                                                                                                                               | <b># of Transmission Gears</b>                        | 1               |      |   |                |             |  |  |
| <b>Transmission Lockup</b>                   | No                                                                                                                                                                      | <b>Creep Gear</b>                                     | No              |      |   |                |             |  |  |

## Certification Summary Information Report

|                   |              |                                     |    |
|-------------------|--------------|-------------------------------------|----|
| <b>Test Group</b> | PRIVT00.0194 | <b>Evaporative/Refueling Family</b> | -- |
|-------------------|--------------|-------------------------------------|----|

**Dynamometer Coefficients:**

| Coefficient Category | Target Coefficients |             |                | Set Coefficients |             |                | EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients |
|----------------------|---------------------|-------------|----------------|------------------|-------------|----------------|-------------------------------------------------------------------------------|
|                      | A (lbf)             | B (lbf/mph) | C (lbf/mph**2) | A (lbf)          | B (lbf/mph) | C (lbf/mph**2) |                                                                               |
| City/Highway/Evap    | 48.14               | 0.2372      | 0.02461        | -8.96            | 0.4238      | 0.0195         | 16.2                                                                          |
| Cold CO              | 52.95               | 0.2609      | 0.02707        | -12.94           | -0.0529     | 0.02589        | N/A                                                                           |
| US06                 | 48.14               | 0.2372      | 0.02461        | -8.96            | 0.4238      | 0.0195         | N/A                                                                           |

**Emission Control Device Comments**      Battery Electric Vehicle

**Manufacturer Test Vehicle Comments**      N/V Ratio and Axle Ratio entered above are placeholders Actual values: N/V Ratio: 128.75, Axle Ratio: 12.6:1 Conserve drive mode configuration

## Certification Summary Information Report

|                                                |                                        |                                       |                                             |
|------------------------------------------------|----------------------------------------|---------------------------------------|---------------------------------------------|
| <b>Test Group</b>                              | PRIVT00.0194                           | <b>Evaporative/Refueling Family</b>   | --                                          |
| <b>Test #</b>                                  | <b>PRIV10078029</b>                    | <b>Test Procedure</b>                 | <b>2 - CVS 75 and later (w/o can. load)</b> |
| <b>Exhaust Test # for this Evap Test</b>       | --                                     | <b>Test Fuel Type</b>                 | 62 - Electricity                            |
| <b>Test Date</b>                               | 11/09/2022                             | <b>Fuel</b>                           | Electricity                                 |
| <b>Fuel Batch ID</b>                           | --                                     | <b>Fuel Calibration Number</b>        | --                                          |
| <b>Vehicle Class</b>                           | MDPV (Federal Tier 2, GVWR 8501-10000) | <b>DF Type</b>                        | EPA Assigned                                |
| <b>Verify Test Lab ID</b>                      | FEV Michigan                           |                                       |                                             |
| <b>E10 Evaporative Test Measurement Method</b> | --                                     |                                       |                                             |
| <b>Test Start Odometer Reading</b>             | 9396                                   | <b>Odometer Units</b>                 | M                                           |
| <b>4WD Test Dyno</b>                           | Yes                                    | <b>Diesel Adjustment Factor Usage</b> | --                                          |
| <b>State of Charge Delta</b>                   | Yes                                    |                                       |                                             |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 86 (+/- 2 mph, +/- 1 sec)    | <b>Road Speed Fan Usage</b>           | Yes                                         |

## Test Results

| Test Result Name                                   | Unrounded Test Result | Verify Calculated FE Equivalent Value<br>(kilowatt-hour per 100 miles) |
|----------------------------------------------------|-----------------------|------------------------------------------------------------------------|
| METHANE (CH4 - Methane)                            | 0                     | --                                                                     |
| CO (Carbon Monoxide)                               | 0                     | --                                                                     |
| DT-ASCR (Drive Trace Absolute Speed Change Rating) | -0.19                 | --                                                                     |
| DT-EER (Drive Trace Energy Economy Rating)         | -0.47                 | --                                                                     |
| DT-IWRR (Drive Trace Inertia Work Ratio Rating)    | 0.64                  | --                                                                     |
| MFR FE (Manufacturer Fuel Economy)                 | 27.41                 | 122.9478293                                                            |
| NOX (Nitrogen Oxide)                               | 0                     | --                                                                     |
| N2O (Nitrous Oxide)                                | 0                     | --                                                                     |
| HC-NM (Non-methane Hydrocarbon)                    | 0                     | --                                                                     |
| NMOG (Non-methane organic gases)                   | 0                     | --                                                                     |

| Test Result Name                          | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|-------------------------------------------|-----------------------|---------------------------------|
| Carbon-Related Exhaust Emissions          | 0                     | 0                               |
| Optional Carbon-Related Exhaust Emissions | 0                     | 0                               |

| Test Result Name | Unrounded Test Result | Verify Calculated CO2 |
|------------------|-----------------------|-----------------------|
| Carbon dioxide   | 0                     | --                    |

**Manufacturer Test Comments** R1T - Si Drive Mode: Conserve with 21" Tires. Cycle 1: 304.70 Wh/mi, Cycle 2: 255.32 Wh/mi, Cycle 3: 288.22 Wh/mi, Cycle 4: 251.30 Wh/mi.

## Certification Summary Information Report

| Test Group           |               | PRIVT00.0194         |               | Evaporative/Refueling Family |     | --               |                          |        |         |                     |          |           |
|----------------------|---------------|----------------------|---------------|------------------------------|-----|------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| Certification Region | Useful Life   | Standard Level       | Emission Name | Rounded Result               | RAF | NMOG/NM HC Ratio | Diesel Adjustment Factor | Add DF | Mult DF | Certification Level | Standard | Pass/Fail |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CO            | 0                            | --  | --               | --                       | 0      | --      | 0                   | 0        | Pass      |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0                            | --  | --               | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CO            | 0                            | --  | --               | --                       | 0      | --      | 0                   | 0        | Pass      |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0                            | --  | --               | --                       | 0      | --      | 0                   | --       | --        |

**NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.**

## Certification Summary Information Report

|                                                |                                        |                                       |                  |
|------------------------------------------------|----------------------------------------|---------------------------------------|------------------|
| <b>Test Group</b>                              | PRIVT00.0194                           | <b>Evaporative/Refueling Family</b>   | --               |
| <b>Test #</b>                                  | <b>PRIV10078030</b>                    | <b>Test Procedure</b>                 | <b>3 - HWFE</b>  |
| <b>Exhaust Test # for this Evap Test</b>       | --                                     | <b>Test Fuel Type</b>                 | 62 - Electricity |
| <b>Test Date</b>                               | 11/09/2022                             | <b>Fuel</b>                           | Electricity      |
| <b>Fuel Batch ID</b>                           | --                                     | <b>Fuel Calibration Number</b>        | --               |
| <b>Vehicle Class</b>                           | MDPV (Federal Tier 2, GVWR 8501-10000) | <b>DF Type</b>                        | EPA Assigned     |
| <b>Verify Test Lab ID</b>                      | FEV Michigan                           |                                       |                  |
| <b>E10 Evaporative Test Measurement Method</b> | --                                     |                                       |                  |
| <b>Test Start Odometer Reading</b>             | 9396                                   | <b>Odometer Units</b>                 | M                |
| <b>4WD Test Dyno</b>                           | Yes                                    | <b>Diesel Adjustment Factor Usage</b> | --               |
| <b>State of Charge Delta</b>                   | Yes                                    |                                       |                  |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 86 (+/- 2 mph, +/- 1 sec)    | <b>Road Speed Fan Usage</b>           | Yes              |

## Test Results

| Test Result Name                                          | Unrounded Test Result | Verify Calculated FE Equivalent Value<br>(kilowatt-hour per 100 miles) |
|-----------------------------------------------------------|-----------------------|------------------------------------------------------------------------|
| <b>METHANE (CH4 - Methane)</b>                            | 0                     | --                                                                     |
| <b>CO (Carbon Monoxide)</b>                               | 0                     | --                                                                     |
| <b>DT-ASCR (Drive Trace Absolute Speed Change Rating)</b> | 1.17                  | --                                                                     |
| <b>DT-EER (Drive Trace Energy Economy Rating)</b>         | 0.93                  | --                                                                     |
| <b>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</b>    | 1.55                  | --                                                                     |
| <b>MFR FE (Manufacturer Fuel Economy)</b>                 | 28.76                 | 117.1766342                                                            |
| <b>NOX (Nitrogen Oxide)</b>                               | 0                     | --                                                                     |
| <b>N2O (Nitrous Oxide)</b>                                | 0                     | --                                                                     |
| <b>HC-NM (Non-methane Hydrocarbon)</b>                    | 0                     | --                                                                     |
| <b>NMOG (Non-methane organic gases)</b>                   | 0                     | --                                                                     |

| Test Result Name                                 | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|--------------------------------------------------|-----------------------|---------------------------------|
| <b>Carbon-Related Exhaust Emissions</b>          | 0                     | 0                               |
| <b>Optional Carbon-Related Exhaust Emissions</b> | 0                     | 0                               |

| Test Result Name      | Unrounded Test Result | Verify Calculated CO2 |
|-----------------------|-----------------------|-----------------------|
| <b>Carbon dioxide</b> | 0                     | --                    |

## Manufacturer Test Comments

R1T - Si Drive Mode: Conserve with 21" Tires. Cycle 1: 287.64 Wh/mi

## Certification Summary Information Report

| Test Group                                                                                                              |               | PRIVT00.0194         |               |                |     | Evaporative/Refueling Family |                          |        |         | --                  |          |           |
|-------------------------------------------------------------------------------------------------------------------------|---------------|----------------------|---------------|----------------|-----|------------------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| Certification Region                                                                                                    | Useful Life   | Standard Level       | Emission Name | Rounded Result | RAF | NMOG/NM HC Ratio             | Diesel Adjustment Factor | Add DF | Mult DF | Certification Level | Standard | Pass/Fail |
| Fed                                                                                                                     | 150,000 miles | Federal Tier 3 Bin 0 | CO            | 0              | --  | --                           | --                       | 0      | --      | 0                   | 0        | Pass      |
| Fed                                                                                                                     | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --  | --                           | --                       | 0      | --      | 0                   | --       | --        |
| CA                                                                                                                      | 120,000 miles | California ZEV       | CO            | 0              | --  | --                           | --                       | 0      | --      | 0                   | 0        | Pass      |
| CA                                                                                                                      | 120,000 miles | California ZEV       | CREE          | 0              | --  | --                           | --                       | 0      | --      | 0                   | --       | --        |
| NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values. |               |                      |               |                |     |                              |                          |        |         |                     |          |           |

## Certification Summary Information Report

|                                                |                                     |                                       |                  |
|------------------------------------------------|-------------------------------------|---------------------------------------|------------------|
| <b>Test Group</b>                              | PRIVT00.0194                        | <b>Evaporative/Refueling Family</b>   | --               |
| <b>Test #</b>                                  | <b>PRIV10078031</b>                 | <b>Test Procedure</b>                 | <b>90 - US06</b> |
| <b>Exhaust Test # for this Evap Test</b>       | --                                  | <b>Test Fuel Type</b>                 | 62 - Electricity |
| <b>Test Date</b>                               | 11/09/2022                          | <b>Fuel</b>                           | N/A              |
| <b>Fuel Batch ID</b>                           | --                                  | <b>Fuel Calibration Number</b>        | --               |
| <b>Vehicle Class</b>                           | N/A                                 | <b>DF Type</b>                        | EPA Assigned     |
| <b>Verify Test Lab ID</b>                      | FEV Michigan                        |                                       |                  |
| <b>E10 Evaporative Test Measurement Method</b> | --                                  |                                       |                  |
| <b>Test Start Odometer Reading</b>             | 9432                                | <b>Odometer Units</b>                 | M                |
| <b>4WD Test Dyno</b>                           | Yes                                 | <b>Diesel Adjustment Factor Usage</b> | --               |
| <b>State of Charge Delta</b>                   | Yes                                 |                                       |                  |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 86 (+/- 2 mph, +/- 1 sec) | <b>Road Speed Fan Usage</b>           | Yes              |

## Test Results

| Test Result Name                                   | Unrounded Test Result | Verify Calculated FE Equivalent Value<br>(kilowatt-hour per 100 miles) |
|----------------------------------------------------|-----------------------|------------------------------------------------------------------------|
| METHANE (CH4 - Methane)                            | 0                     | --                                                                     |
| CO (Carbon Monoxide)                               | 0                     | --                                                                     |
| DT-ASCR (Drive Trace Absolute Speed Change Rating) | -5.1                  | --                                                                     |
| DT-EER (Drive Trace Energy Economy Rating)         | -2.56                 | --                                                                     |
| DT-IWRR (Drive Trace Inertia Work Ratio Rating)    | -9.51                 | --                                                                     |
| MFR FE (Manufacturer Fuel Economy)                 | 38.96                 | 86.4989733                                                             |
| NOX (Nitrogen Oxide)                               | 0                     | --                                                                     |
| N2O (Nitrous Oxide)                                | 0                     | --                                                                     |
| HC-NM (Non-methane Hydrocarbon)                    | 0                     | --                                                                     |
| NMOG (Non-methane organic gases)                   | 0                     | --                                                                     |

| Test Result Name                          | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|-------------------------------------------|-----------------------|---------------------------------|
| Carbon-Related Exhaust Emissions          | 0                     | --                              |
| Optional Carbon-Related Exhaust Emissions | 0                     | --                              |

| Test Result Name | Unrounded Test Result | Verify Calculated CO2 |
|------------------|-----------------------|-----------------------|
| Carbon dioxide   | 0                     | --                    |

## Manufacturer Test Comments

R1T - Si Drive Mode: Conserve with 21" Tires. Cycle 1 (City1): 383.80 Wh/mi, Cycle 2 (HWY): 378.83 Wh/mi, Cycle 3 (City2): 540.67 Wh/mi

## Certification Summary Information Report

|                                                |                                     |                                       |                  |
|------------------------------------------------|-------------------------------------|---------------------------------------|------------------|
| <b>Test Group</b>                              | PRIVT00.0194                        | <b>Evaporative/Refueling Family</b>   | --               |
| <b>Test #</b>                                  | <b>PRIV10078033</b>                 | <b>Test Procedure</b>                 | <b>95 - SC03</b> |
| <b>Exhaust Test # for this Evap Test</b>       | --                                  | <b>Test Fuel Type</b>                 | 62 - Electricity |
| <b>Test Date</b>                               | 11/09/2022                          | <b>Fuel</b>                           | N/A              |
| <b>Fuel Batch ID</b>                           | --                                  | <b>Fuel Calibration Number</b>        | --               |
| <b>Vehicle Class</b>                           | N/A                                 | <b>DF Type</b>                        | EPA Assigned     |
| <b>Verify Test Lab ID</b>                      | FEV Michigan                        |                                       |                  |
| <b>E10 Evaporative Test Measurement Method</b> | --                                  |                                       |                  |
| <b>Test Start Odometer Reading</b>             | 9425                                | <b>Odometer Units</b>                 | M                |
| <b>4WD Test Dyno</b>                           | Yes                                 | <b>Diesel Adjustment Factor Usage</b> | --               |
| <b>State of Charge Delta</b>                   | Yes                                 |                                       |                  |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 86 (+/- 2 mph, +/- 1 sec) | <b>Road Speed Fan Usage</b>           | Yes              |

## Test Results

| Test Result Name                                          | Unrounded Test Result | Verify Calculated FE Equivalent Value<br>(kilowatt-hour per 100 miles) |
|-----------------------------------------------------------|-----------------------|------------------------------------------------------------------------|
| <b>METHANE (CH4 - Methane)</b>                            | 0                     | --                                                                     |
| <b>CO (Carbon Monoxide)</b>                               | 0                     | --                                                                     |
| <b>DT-ASCR (Drive Trace Absolute Speed Change Rating)</b> | 2.29                  | --                                                                     |
| <b>DT-EER (Drive Trace Energy Economy Rating)</b>         | 1.86                  | --                                                                     |
| <b>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</b>    | 2.28                  | --                                                                     |
| <b>MFR FE (Manufacturer Fuel Economy)</b>                 | 33.28                 | 101.2620192                                                            |
| <b>NOX (Nitrogen Oxide)</b>                               | 0                     | --                                                                     |
| <b>N2O (Nitrous Oxide)</b>                                | 0                     | --                                                                     |
| <b>HC-NM (Non-methane Hydrocarbon)</b>                    | 0                     | --                                                                     |
| <b>NMOG (Non-methane organic gases)</b>                   | 0                     | --                                                                     |

| Test Result Name                                 | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|--------------------------------------------------|-----------------------|---------------------------------|
| <b>Carbon-Related Exhaust Emissions</b>          | 0                     | --                              |
| <b>Optional Carbon-Related Exhaust Emissions</b> | 0                     | --                              |

| Test Result Name      | Unrounded Test Result | Verify Calculated CO2 |
|-----------------------|-----------------------|-----------------------|
| <b>Carbon dioxide</b> | 0                     | --                    |

## Manufacturer Test Comments

R1T - Si Drive Mode: Conserve with 21" Tires. Cycle 1: 332.79 Wh/mi

## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PRIVT00.0194                             | <b>Evaporative/Refueling Family</b>           | --                                |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----------------------------------------------|-----------------------------------|------------------------------|---------------------------|-----------------------|---|----------------------------------|---|---|------------------------------------------|------|---|-----------------------------------|------|---|---------------------------------------|------|----|---------------------------|-------|
| <b>Test #</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>PRIV10078009</b>                      | <b>Test Procedure</b>                         | <b>81 - Charge Depleting UDDS</b> |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | --                                       | <b>Test Fuel Type</b>                         | 62 - Electricity                  |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Test Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 11/07/2022                               | <b>Fuel</b>                                   | Electricity                       |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Fuel Batch ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | --                                       | <b>Fuel Calibration Number</b>                | --                                |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Vehicle Class</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | MDPV (Federal Tier 2, GVWR 8501-10000)   | <b>DF Type</b>                                | EPA Assigned                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Verify Test Lab ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | FEV Michigan                             |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | --                                       |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 8886                                     | <b>Odometer Units</b>                         | M                                 |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>4WD Test Dyno</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Yes                                      | <b>Diesel Adjustment Factor Usage</b>         | --                                |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>State of Charge Delta</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Yes                                      |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Drive Cycle Speed Tolerance Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Used Part 86 (+/- 2 mph, +/- 1 sec)      | <b>Road Speed Fan Usage</b>                   | Yes                               |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>PHEV/EV Charge Depleting Test Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Recharge Event Voltage</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 240                                      | <b>Recharge Event Energy (kiloWatt-hours)</b> | 150.15                            |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Range (Calculated miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 488.36                                   | <b>Charge Depleting Range (Actual miles)</b>  | 488.36                            |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>All Electric Range Unadjusted (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | --                                       | <b>Derived 5-Cycle Coefficient Model Year</b> | --                                |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Equivalent All Electric Range (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 488.36                                   |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Number of Charge Depleting Bags/Phases Conducted</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4                                        | <b>Transition Bag/Phase Number</b>            | --                                |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>2</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>1.16</td> </tr> <tr> <td>3</td> <td>Drive Trace Energy Economy Rating</td> <td>1</td> </tr> <tr> <td>4</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>1.78</td> </tr> <tr> <td>5</td> <td>Manufacturer Fuel Economy</td> <td>26.4</td> </tr> </tbody> </table>     |                                          |                                               |                                   | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 1 | Carbon-Related Exhaust Emissions | 0 | 2 | Drive Trace Absolute Speed Change Rating | 1.16 | 3 | Drive Trace Energy Economy Rating | 1    | 4 | Drive Trace Inertia Work Ratio Rating | 1.78 | 5  | Manufacturer Fuel Economy | 26.4  |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Test Result/Emission Name                | Unrounded Test Result                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Carbon-Related Exhaust Emissions         | 0                                             |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Drive Trace Absolute Speed Change Rating | 1.16                                          |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Drive Trace Energy Economy Rating        | 1                                             |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Drive Trace Inertia Work Ratio Rating    | 1.78                                          |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Manufacturer Fuel Economy                | 26.4                                          |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>7</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>1.3</td> </tr> <tr> <td>8</td> <td>Drive Trace Energy Economy Rating</td> <td>0.47</td> </tr> <tr> <td>9</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>1.89</td> </tr> <tr> <td>10</td> <td>Manufacturer Fuel Economy</td> <td>26.28</td> </tr> </tbody> </table> |                                          |                                               |                                   | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 6 | Carbon-Related Exhaust Emissions | 0 | 7 | Drive Trace Absolute Speed Change Rating | 1.3  | 8 | Drive Trace Energy Economy Rating | 0.47 | 9 | Drive Trace Inertia Work Ratio Rating | 1.89 | 10 | Manufacturer Fuel Economy | 26.28 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Test Result/Emission Name                | Unrounded Test Result                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Carbon-Related Exhaust Emissions         | 0                                             |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Drive Trace Absolute Speed Change Rating | 1.3                                           |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Drive Trace Energy Economy Rating        | 0.47                                          |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Drive Trace Inertia Work Ratio Rating    | 1.89                                          |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Manufacturer Fuel Economy                | 26.28                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |

## Certification Summary Information Report

| Test Group                   |                                          | PRIVT00.0194                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |               | Evaporative/Refueling Family                                                                                                                                       |                           | --                    |                          |                                  |         |                     |                                          |           |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|------------------------------|------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-----------------------|--------------------------|----------------------------------|---------|---------------------|------------------------------------------|-----------|----|-----------------------------------|------|----|---------------------------------------|------|----|---------------------------|-------|--|--|
|                              |                                          | <table><tr><th>Charge Depleting Bag/Phase #</th><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>11</td><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>12</td><td>Drive Trace Absolute Speed Change Rating</td><td>1.06</td></tr><tr><td>13</td><td>Drive Trace Energy Economy Rating</td><td>1.34</td></tr><tr><td>14</td><td>Drive Trace Inertia Work Ratio Rating</td><td>1.62</td></tr><tr><td>15</td><td>Manufacturer Fuel Economy</td><td>28.42</td></tr></table> |               | Charge Depleting Bag/Phase #                                                                                                                                       | Test Result/Emission Name | Unrounded Test Result | 11                       | Carbon-Related Exhaust Emissions | 0       | 12                  | Drive Trace Absolute Speed Change Rating | 1.06      | 13 | Drive Trace Energy Economy Rating | 1.34 | 14 | Drive Trace Inertia Work Ratio Rating | 1.62 | 15 | Manufacturer Fuel Economy | 28.42 |  |  |
| Charge Depleting Bag/Phase # | Test Result/Emission Name                | Unrounded Test Result                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                                                                                                                                                    |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 11                           | Carbon-Related Exhaust Emissions         | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                                                                                                                                                                    |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 12                           | Drive Trace Absolute Speed Change Rating | 1.06                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               |                                                                                                                                                                    |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 13                           | Drive Trace Energy Economy Rating        | 1.34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               |                                                                                                                                                                    |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 14                           | Drive Trace Inertia Work Ratio Rating    | 1.62                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               |                                                                                                                                                                    |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 15                           | Manufacturer Fuel Economy                | 28.42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                                                                                                                                                    |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                              |                                          | Charge Depleting Bag/Phase                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |               |                                                                                                                                                                    |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                              |                                          | <table><tr><th>Charge Depleting Bag/Phase #</th><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>16</td><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>17</td><td>Drive Trace Absolute Speed Change Rating</td><td>0.57</td></tr><tr><td>18</td><td>Drive Trace Energy Economy Rating</td><td>0.19</td></tr><tr><td>19</td><td>Drive Trace Inertia Work Ratio Rating</td><td>0.77</td></tr><tr><td>20</td><td>Manufacturer Fuel Economy</td><td>27.16</td></tr></table> |               | Charge Depleting Bag/Phase #                                                                                                                                       | Test Result/Emission Name | Unrounded Test Result | 16                       | Carbon-Related Exhaust Emissions | 0       | 17                  | Drive Trace Absolute Speed Change Rating | 0.57      | 18 | Drive Trace Energy Economy Rating | 0.19 | 19 | Drive Trace Inertia Work Ratio Rating | 0.77 | 20 | Manufacturer Fuel Economy | 27.16 |  |  |
| Charge Depleting Bag/Phase # | Test Result/Emission Name                | Unrounded Test Result                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                                                                                                                                                    |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 16                           | Carbon-Related Exhaust Emissions         | 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |               |                                                                                                                                                                    |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 17                           | Drive Trace Absolute Speed Change Rating | 0.57                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               |                                                                                                                                                                    |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 18                           | Drive Trace Energy Economy Rating        | 0.19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               |                                                                                                                                                                    |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 19                           | Drive Trace Inertia Work Ratio Rating    | 0.77                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |               |                                                                                                                                                                    |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| 20                           | Manufacturer Fuel Economy                | 27.16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |               |                                                                                                                                                                    |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                              |                                          | Manufacturer Test Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |               | R1T - Si Drive Mode: Conserve with 21" Tires. Cycle 1: 284.16 Wh/mi, Cycle 2: 271.59 Wh/mi, Cycle 3: 262.80 Wh/mi, Cycle 4: 263.96 Wh/mi. MCT Energy: 130104.03 Wh |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                              |                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |               |                                                                                                                                                                    |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| Certification Region         | Useful Life                              | Standard Level                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Emission Name | Rounded Result                                                                                                                                                     | RAF                       | NMOG/NM HC Ratio      | Diesel Adjustment Factor | Add DF                           | Mult DF | Certification Level | Standard                                 | Pass/Fail |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| Fed                          | 150,000 miles                            | Federal Tier 3 Bin 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CREE          | 0                                                                                                                                                                  | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| Fed                          | 150,000 miles                            | Federal Tier 3 Bin 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CREE          | 0                                                                                                                                                                  | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| Fed                          | 150,000 miles                            | Federal Tier 3 Bin 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CREE          | 0                                                                                                                                                                  | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| Fed                          | 150,000 miles                            | Federal Tier 3 Bin 0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | CREE          | 0                                                                                                                                                                  | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| CA                           | 120,000 miles                            | California ZEV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CREE          | 0                                                                                                                                                                  | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| CA                           | 120,000 miles                            | California ZEV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CREE          | 0                                                                                                                                                                  | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| CA                           | 120,000 miles                            | California ZEV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CREE          | 0                                                                                                                                                                  | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| CA                           | 120,000 miles                            | California ZEV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | CREE          | 0                                                                                                                                                                  | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |      |    |                                       |      |    |                           |       |  |  |

## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PRIVT00.0194                                                                                                         | <b>Evaporative/Refueling Family</b>           | --                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------------|------------------------------|---------------------------|-----------------------|---|----------------------------------|---|---|------------------------------------------|------|---|-----------------------------------|------|---|---------------------------------------|------|----|---------------------------|-------|
| <b>Test #</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>PRIV10078013</b>                                                                                                  | <b>Test Procedure</b>                         | <b>84 - Charge Depleting Highway</b> |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | --                                                                                                                   | <b>Test Fuel Type</b>                         | 62 - Electricity                     |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Test Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 11/07/2022                                                                                                           | <b>Fuel</b>                                   | Electricity                          |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Fuel Batch ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | --                                                                                                                   | <b>Fuel Calibration Number</b>                | --                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Vehicle Class</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MDPV (Federal Tier 2, GVWR 8501-10000)                                                                               | <b>DF Type</b>                                | EPA Assigned                         |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Verify Test Lab ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FEV Michigan                                                                                                         |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | --                                                                                                                   |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 8886                                                                                                                 | <b>Odometer Units</b>                         | M                                    |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>4WD Test Dyno</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Yes                                                                                                                  | <b>Diesel Adjustment Factor Usage</b>         | --                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>State of Charge Delta</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Yes                                                                                                                  |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Drive Cycle Speed Tolerance Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Used Part 86 (+/- 2 mph, +/- 1 sec)                                                                                  | <b>Road Speed Fan Usage</b>                   | Yes                                  |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>PHEV/EV Charge Depleting Test Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                      |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Recharge Event Voltage</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 240                                                                                                                  | <b>Recharge Event Energy (kiloWatt-hours)</b> | 150.15                               |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Range (Calculated miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 452.43                                                                                                               | <b>Charge Depleting Range (Actual miles)</b>  | 452.43                               |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>All Electric Range Unadjusted (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | --                                                                                                                   | <b>Derived 5-Cycle Coefficient Model Year</b> | --                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Equivalent All Electric Range (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 452.43                                                                                                               |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Number of Charge Depleting Bags/Phases Conducted</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2                                                                                                                    | <b>Transition Bag/Phase Number</b>            | --                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                      |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>2</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>1.39</td> </tr> <tr> <td>3</td> <td>Drive Trace Energy Economy Rating</td> <td>0.33</td> </tr> <tr> <td>4</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>1.63</td> </tr> <tr> <td>5</td> <td>Manufacturer Fuel Economy</td> <td>29.14</td> </tr> </tbody> </table>  |                                                                                                                      |                                               |                                      | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 1 | Carbon-Related Exhaust Emissions | 0 | 2 | Drive Trace Absolute Speed Change Rating | 1.39 | 3 | Drive Trace Energy Economy Rating | 0.33 | 4 | Drive Trace Inertia Work Ratio Rating | 1.63 | 5  | Manufacturer Fuel Economy | 29.14 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Test Result/Emission Name                                                                                            | Unrounded Test Result                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Carbon-Related Exhaust Emissions                                                                                     | 0                                             |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Absolute Speed Change Rating                                                                             | 1.39                                          |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Energy Economy Rating                                                                                    | 0.33                                          |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Inertia Work Ratio Rating                                                                                | 1.63                                          |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Manufacturer Fuel Economy                                                                                            | 29.14                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                      |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
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| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Test Result/Emission Name                                                                                            | Unrounded Test Result                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Carbon-Related Exhaust Emissions                                                                                     | 0                                             |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Absolute Speed Change Rating                                                                             | 1.19                                          |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Energy Economy Rating                                                                                    | 0.22                                          |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Inertia Work Ratio Rating                                                                                | 1.48                                          |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Manufacturer Fuel Economy                                                                                            | 28.37                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Manufacturer Test Comments</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | R1T - Si Drive Mode: Conserve with 21" Tires. Cycle 1: 291.43 Wh/mi, Cycle 2: 283.70 Wh/mi. MCT Energy: 130104.03 Wh |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |

## Certification Summary Information Report

| Test Group           |               | PRIVT00.0194         |               |                | Evaporative/Refueling Family |                  |                          |        |         | --                  |          |           |
|----------------------|---------------|----------------------|---------------|----------------|------------------------------|------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| Certification Region | Useful Life   | Standard Level       | Emission Name | Rounded Result | RAF                          | NMOG/NM HC Ratio | Diesel Adjustment Factor | Add DF | Mult DF | Certification Level | Standard | Pass/Fail |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |

## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PRIVT00.0194                             | <b>Evaporative/Refueling Family</b>           | --                                           |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----------------------------------------------|----------------------------------------------|------------------------------|---------------------------|-----------------------|---|----------------------------------|---|---|------------------------------------------|-------|---|-----------------------------------|-------|---|---------------------------------------|-------|----|---------------------------|-------|
| <b>Test #</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <b>PRIV10078032</b>                      | <b>Test Procedure</b>                         | <b>86 - Charge Depleting 20 Degree F FTP</b> |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | --                                       | <b>Test Fuel Type</b>                         | 62 - Electricity                             |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Test Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 11/13/2022                               | <b>Fuel</b>                                   | N/A                                          |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Fuel Batch ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | --                                       | <b>Fuel Calibration Number</b>                | --                                           |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Vehicle Class</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | N/A                                      | <b>DF Type</b>                                | EPA Assigned                                 |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Verify Test Lab ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FEV Michigan                             |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | --                                       |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 9514                                     | <b>Odometer Units</b>                         | M                                            |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>4WD Test Dyno</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Yes                                      | <b>Diesel Adjustment Factor Usage</b>         | --                                           |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>State of Charge Delta</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Yes                                      |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Drive Cycle Speed Tolerance Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Used Part 86 (+/- 2 mph, +/- 1 sec)      | <b>Road Speed Fan Usage</b>                   | Yes                                          |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>PHEV/EV Charge Depleting Test Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Recharge Event Voltage</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 240                                      | <b>Recharge Event Energy (kiloWatt-hours)</b> | 150.15                                       |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Range (Calculated miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 112.08                                   | <b>Charge Depleting Range (Actual miles)</b>  | 112.08                                       |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>All Electric Range Unadjusted (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | --                                       | <b>Derived 5-Cycle Coefficient Model Year</b> | --                                           |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Equivalent All Electric Range (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 112.08                                   |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Number of Charge Depleting Bags/Phases Conducted</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 3                                        | <b>Transition Bag/Phase Number</b>            | --                                           |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                          |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>2</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>-0.33</td> </tr> <tr> <td>3</td> <td>Drive Trace Energy Economy Rating</td> <td>-0.79</td> </tr> <tr> <td>4</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-0.4</td> </tr> <tr> <td>5</td> <td>Manufacturer Fuel Economy</td> <td>38.96</td> </tr> </tbody> </table>  |                                          |                                               |                                              | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 1 | Carbon-Related Exhaust Emissions | 0 | 2 | Drive Trace Absolute Speed Change Rating | -0.33 | 3 | Drive Trace Energy Economy Rating | -0.79 | 4 | Drive Trace Inertia Work Ratio Rating | -0.4  | 5  | Manufacturer Fuel Economy | 38.96 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Test Result/Emission Name                | Unrounded Test Result                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Carbon-Related Exhaust Emissions         | 0                                             |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Absolute Speed Change Rating | -0.33                                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Energy Economy Rating        | -0.79                                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Inertia Work Ratio Rating    | -0.4                                          |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Manufacturer Fuel Economy                | 38.96                                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                          |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
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| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Test Result/Emission Name                | Unrounded Test Result                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Carbon-Related Exhaust Emissions         | 0                                             |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Absolute Speed Change Rating | 0.01                                          |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Energy Economy Rating        | -2.35                                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Drive Trace Inertia Work Ratio Rating    | -0.66                                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Manufacturer Fuel Economy                | 58.94                                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                          |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |

| Test Group                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PRIVT00.0194                                                                                                 | Evaporative/Refueling Family | -- |                              |                           |                       |    |                                  |   |    |                                          |       |    |                                   |       |    |                                       |      |    |                           |       |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------|----|------------------------------|---------------------------|-----------------------|----|----------------------------------|---|----|------------------------------------------|-------|----|-----------------------------------|-------|----|---------------------------------------|------|----|---------------------------|-------|
| <table><tr><th>Charge Depleting Bag/Phase #</th><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>11</td><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>12</td><td>Drive Trace Absolute Speed Change Rating</td><td>-0.83</td></tr><tr><td>13</td><td>Drive Trace Energy Economy Rating</td><td>-1.92</td></tr><tr><td>14</td><td>Drive Trace Inertia Work Ratio Rating</td><td>-1.1</td></tr><tr><td>15</td><td>Manufacturer Fuel Economy</td><td>45.76</td></tr></table> |                                                                                                              |                              |    | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 11 | Carbon-Related Exhaust Emissions | 0 | 12 | Drive Trace Absolute Speed Change Rating | -0.83 | 13 | Drive Trace Energy Economy Rating | -1.92 | 14 | Drive Trace Inertia Work Ratio Rating | -1.1 | 15 | Manufacturer Fuel Economy | 45.76 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Test Result/Emission Name                                                                                    | Unrounded Test Result        |    |                              |                           |                       |    |                                  |   |    |                                          |       |    |                                   |       |    |                                       |      |    |                           |       |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Carbon-Related Exhaust Emissions                                                                             | 0                            |    |                              |                           |                       |    |                                  |   |    |                                          |       |    |                                   |       |    |                                       |      |    |                           |       |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Drive Trace Absolute Speed Change Rating                                                                     | -0.83                        |    |                              |                           |                       |    |                                  |   |    |                                          |       |    |                                   |       |    |                                       |      |    |                           |       |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Drive Trace Energy Economy Rating                                                                            | -1.92                        |    |                              |                           |                       |    |                                  |   |    |                                          |       |    |                                   |       |    |                                       |      |    |                           |       |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Drive Trace Inertia Work Ratio Rating                                                                        | -1.1                         |    |                              |                           |                       |    |                                  |   |    |                                          |       |    |                                   |       |    |                                       |      |    |                           |       |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Manufacturer Fuel Economy                                                                                    | 45.76                        |    |                              |                           |                       |    |                                  |   |    |                                          |       |    |                                   |       |    |                                       |      |    |                           |       |
| Manufacturer Test Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | R1T - Si Drive Mode: Conserve with 21" Tires. Cycle 1: 589.39 Wh/mi, Cycle 3: 457.63 Wh/mi, CD: 389.63 Wh/mi |                              |    |                              |                           |                       |    |                                  |   |    |                                          |       |    |                                   |       |    |                                       |      |    |                           |       |

## Certification Summary Information Report

| <b>Test Group</b>                            | PRIVT00.0194                                                                                                                                                            | <b>Evaporative/Refueling Family</b>                   | --              |      |   |                |             |  |  |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-----------------|------|---|----------------|-------------|--|--|
| <b>Emission Data Vehicle Information</b>     |                                                                                                                                                                         |                                                       |                 |      |   |                |             |  |  |
| <b>Vehicle ID / Configuration</b>            | R1T2301R21 / 1                                                                                                                                                          | <b>Manufacturer Vehicle Configuration Number</b>      | 1               |      |   |                |             |  |  |
| <b>Original Test Group Name</b>              | PRIVT00.0194                                                                                                                                                            | <b>Original Evaporative/Refueling Family</b>          | --              |      |   |                |             |  |  |
| <b>Original Test Vehicle Model Year</b>      | 2023                                                                                                                                                                    |                                                       |                 |      |   |                |             |  |  |
| <b>Vehicle Model</b>                         |                                                                                                                                                                         |                                                       |                 |      |   |                |             |  |  |
| <b>Represented Test Vehicle Make</b>         | Rivian                                                                                                                                                                  | <b>Represented Test Vehicle Model</b>                 | R1T 21          |      |   |                |             |  |  |
| <b>Leak Family Details</b>                   |                                                                                                                                                                         |                                                       |                 |      |   |                |             |  |  |
| <b>Leak Family Identifier</b>                | --                                                                                                                                                                      | <b>Leak Family Name</b>                               | --              |      |   |                |             |  |  |
| <b>Drive Sources and Fuel System Details</b> |                                                                                                                                                                         |                                                       |                 |      |   |                |             |  |  |
|                                              | <table border="1"> <tr> <th>Drive Source and Fuel#</th><th>Drive Source</th><th>Fuel</th></tr> <tr> <td>1</td><td>Electric Motor</td><td>Electricity</td></tr> </table> | Drive Source and Fuel#                                | Drive Source    | Fuel | 1 | Electric Motor | Electricity |  |  |
| Drive Source and Fuel#                       | Drive Source                                                                                                                                                            | Fuel                                                  |                 |      |   |                |             |  |  |
| 1                                            | Electric Motor                                                                                                                                                          | Electricity                                           |                 |      |   |                |             |  |  |
| <b>Hybrid Indicator</b>                      | No                                                                                                                                                                      |                                                       |                 |      |   |                |             |  |  |
| <b>Multiple Fuel Storage</b>                 | --                                                                                                                                                                      | <b>Multiple Fuel Combustion</b>                       | --              |      |   |                |             |  |  |
| <b>Fuel Cell Indicator</b>                   | No                                                                                                                                                                      | <b>Rechargeable Energy Storage System Indicator</b>   | Yes             |      |   |                |             |  |  |
| <b>Rechargeable Energy Storage System</b>    | Battery(s)                                                                                                                                                              | <b>Rechargeable Energy Storage System, if 'Other'</b> | --              |      |   |                |             |  |  |
| <b>Off-board charge Capable Indicator</b>    | Yes                                                                                                                                                                     |                                                       |                 |      |   |                |             |  |  |
| <b>Odometer Correction -- Initial</b>        | 1                                                                                                                                                                       | <b>Odometer Correction Factor</b>                     | 1               |      |   |                |             |  |  |
| <b>Odometer Correction Sign</b>              | + = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles                                                                         |                                                       |                 |      |   |                |             |  |  |
| <b>Odometer Correction Units</b>             | Miles                                                                                                                                                                   |                                                       |                 |      |   |                |             |  |  |
| <b>Engine Code</b>                           | 132X2110X2OS                                                                                                                                                            | <b>Rated Horsepower</b>                               | 872             |      |   |                |             |  |  |
| <b>Displacement (liters)</b>                 | 99.999                                                                                                                                                                  |                                                       |                 |      |   |                |             |  |  |
| <b>Air Aspiration Method</b>                 | Naturally Aspirated                                                                                                                                                     | <b>Air Aspiration Method, if 'Other'</b>              | Electric        |      |   |                |             |  |  |
| <b>Number of Air Aspiration Devices</b>      | --                                                                                                                                                                      | <b>Air Aspiration Device Configuration</b>            | --              |      |   |                |             |  |  |
| <b>Charge Air Cooler Type</b>                | --                                                                                                                                                                      | <b>Drive Mode While Testing</b>                       | All Wheel Drive |      |   |                |             |  |  |
| <b>Shift Indicator Light Usage</b>           | Not equipped                                                                                                                                                            | <b>Aged Emission Components</b>                       | 4,000 (mi)      |      |   |                |             |  |  |
| <b>Curb Weight (lbs)</b>                     | 6916                                                                                                                                                                    | <b>Equivalent Test Weight (pounds)</b>                | 7000            |      |   |                |             |  |  |
| <b>GVWR (lbs)</b>                            | --                                                                                                                                                                      | <b>N/V Ratio</b>                                      | 999.9           |      |   |                |             |  |  |
| <b>Axle Ratio</b>                            | 9.99                                                                                                                                                                    |                                                       |                 |      |   |                |             |  |  |
| <b>Transmission Type</b>                     | Automatic                                                                                                                                                               | <b># of Transmission Gears</b>                        | 1               |      |   |                |             |  |  |
| <b>Transmission Lockup</b>                   | No                                                                                                                                                                      | <b>Creep Gear</b>                                     | No              |      |   |                |             |  |  |

## Certification Summary Information Report

|                                    |         |                                                                                                                 |                |                  |                              |                |                                                                                  |
|------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------|----------------|------------------|------------------------------|----------------|----------------------------------------------------------------------------------|
| Test Group                         |         | PRIVT00.0194                                                                                                    |                |                  | Evaporative/Refueling Family |                | --                                                                               |
| Dynamometer Coefficients:          |         |                                                                                                                 |                |                  |                              |                |                                                                                  |
| Target Coefficients                |         |                                                                                                                 |                | Set Coefficients |                              |                | EPA Calculated Total Road Load Horse Power for<br>City/Highway/Evap Coefficients |
| Coefficient<br>Category            | A (lbf) | B (lbf/mph)                                                                                                     | C (lbf/mph**2) | A (lbf)          | B (lbf/mph)                  | C (lbf/mph**2) |                                                                                  |
| City/Highway/Evap                  | 56.36   | 0.2295                                                                                                          | 0.02774        | 2.36             | -0.1363                      | 0.02762        |                                                                                  |
| Cold CO                            | 62      | 0.2525                                                                                                          | 0.03051        | -7.88            | -0.2858                      | 0.0313         |                                                                                  |
| US06                               | 56.36   | 0.2295                                                                                                          | 0.02774        | 2.36             | -0.1363                      | 0.02762        | N/A                                                                              |
| Emission Control Device Comments   |         | Battery Electric Vehicle                                                                                        |                |                  |                              |                |                                                                                  |
| Manufacturer Test Vehicle Comments |         | AWD - All-Purpose drive mode configuration N/V Ratio: 128.75, Axle Ratio: 12.6:1, data entered is a placeholder |                |                  |                              |                |                                                                                  |

## Certification Summary Information Report

|                                                |                                        |                                       |                                             |
|------------------------------------------------|----------------------------------------|---------------------------------------|---------------------------------------------|
| <b>Test Group</b>                              | PRIVT00.0194                           | <b>Evaporative/Refueling Family</b>   | --                                          |
| <b>Test #</b>                                  | <b>PRIV10078045</b>                    | <b>Test Procedure</b>                 | <b>2 - CVS 75 and later (w/o can. load)</b> |
| <b>Exhaust Test # for this Evap Test</b>       | --                                     | <b>Test Fuel Type</b>                 | 62 - Electricity                            |
| <b>Test Date</b>                               | 11/16/2022                             | <b>Fuel</b>                           | Electricity                                 |
| <b>Fuel Batch ID</b>                           | --                                     | <b>Fuel Calibration Number</b>        | --                                          |
| <b>Vehicle Class</b>                           | MDPV (Federal Tier 2, GVWR 8501-10000) | <b>DF Type</b>                        | EPA Assigned                                |
| <b>Verify Test Lab ID</b>                      | FEV Michigan                           |                                       |                                             |
| <b>E10 Evaporative Test Measurement Method</b> | --                                     |                                       |                                             |
| <b>Test Start Odometer Reading</b>             | 9853                                   | <b>Odometer Units</b>                 | M                                           |
| <b>4WD Test Dyno</b>                           | Yes                                    | <b>Diesel Adjustment Factor Usage</b> | --                                          |
| <b>State of Charge Delta</b>                   | Yes                                    |                                       |                                             |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 86 (+/- 2 mph, +/- 1 sec)    | <b>Road Speed Fan Usage</b>           | Yes                                         |

## Test Results

| Test Result Name                                   | Unrounded Test Result | Verify Calculated FE Equivalent Value<br>(kilowatt-hour per 100 miles) |
|----------------------------------------------------|-----------------------|------------------------------------------------------------------------|
| METHANE (CH4 - Methane)                            | 0                     | --                                                                     |
| CO (Carbon Monoxide)                               | 0                     | --                                                                     |
| DT-ASCR (Drive Trace Absolute Speed Change Rating) | -0.64                 | --                                                                     |
| DT-EER (Drive Trace Energy Economy Rating)         | -0.26                 | --                                                                     |
| DT-IWRR (Drive Trace Inertia Work Ratio Rating)    | 0.12                  | --                                                                     |
| MFR FE (Manufacturer Fuel Economy)                 | 31.55                 | 106.81458                                                              |
| NOX (Nitrogen Oxide)                               | 0                     | --                                                                     |
| N2O (Nitrous Oxide)                                | 0                     | --                                                                     |
| HC-NM (Non-methane Hydrocarbon)                    | 0                     | --                                                                     |
| NMOG (Non-methane organic gases)                   | 0                     | --                                                                     |

| Test Result Name                          | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|-------------------------------------------|-----------------------|---------------------------------|
| Carbon-Related Exhaust Emissions          | 0                     | 0                               |
| Optional Carbon-Related Exhaust Emissions | 0                     | 0                               |

| Test Result Name | Unrounded Test Result | Verify Calculated CO2 |
|------------------|-----------------------|-----------------------|
| Carbon dioxide   | 0                     | --                    |

## Manufacturer Test Comments

R1T - Si Drive Mode: All-Purpose with 21" Tires. Cycle 1: 353.09 Wh/mi, Cycle 2: 295.87 Wh/mi, Cycle 3: 331.97 Wh/mi, Cycle 4: 285.09 Wh/mi.

## Certification Summary Information Report

| Test Group           |               | PRIVT00.0194         |               |                | Evaporative/Refueling Family |                  |                          |        |         | --                  |          |           |
|----------------------|---------------|----------------------|---------------|----------------|------------------------------|------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| Certification Region | Useful Life   | Standard Level       | Emission Name | Rounded Result | RAF                          | NMOG/NM HC Ratio | Diesel Adjustment Factor | Add DF | Mult DF | Certification Level | Standard | Pass/Fail |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CO            | 0              | --                           | --               | --                       | 0      | --      | 0                   | 0        | Pass      |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CO            | 0              | --                           | --               | --                       | 0      | --      | 0                   | 0        | Pass      |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |

**NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.**

## Certification Summary Information Report

|                                                |                                        |                                       |                  |
|------------------------------------------------|----------------------------------------|---------------------------------------|------------------|
| <b>Test Group</b>                              | PRIVT00.0194                           | <b>Evaporative/Refueling Family</b>   | --               |
| <b>Test #</b>                                  | <b>PRIV10078056</b>                    | <b>Test Procedure</b>                 | <b>3 - HWFE</b>  |
| <b>Exhaust Test # for this Evap Test</b>       | --                                     | <b>Test Fuel Type</b>                 | 62 - Electricity |
| <b>Test Date</b>                               | 11/16/2022                             | <b>Fuel</b>                           | Electricity      |
| <b>Fuel Batch ID</b>                           | --                                     | <b>Fuel Calibration Number</b>        | --               |
| <b>Vehicle Class</b>                           | MDPV (Federal Tier 2, GVWR 8501-10000) | <b>DF Type</b>                        | EPA Assigned     |
| <b>Verify Test Lab ID</b>                      | FEV Michigan                           |                                       |                  |
| <b>E10 Evaporative Test Measurement Method</b> | --                                     |                                       |                  |
| <b>Test Start Odometer Reading</b>             | 9853                                   | <b>Odometer Units</b>                 | M                |
| <b>4WD Test Dyno</b>                           | Yes                                    | <b>Diesel Adjustment Factor Usage</b> | --               |
| <b>State of Charge Delta</b>                   | Yes                                    |                                       |                  |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 86 (+/- 2 mph, +/- 1 sec)    | <b>Road Speed Fan Usage</b>           | Yes              |

## Test Results

| Test Result Name                                   | Unrounded Test Result | Verify Calculated FE Equivalent Value<br>(kilowatt-hour per 100 miles) |
|----------------------------------------------------|-----------------------|------------------------------------------------------------------------|
| METHANE (CH4 - Methane)                            | 0                     | --                                                                     |
| CO (Carbon Monoxide)                               | 0                     | --                                                                     |
| DT-ASCR (Drive Trace Absolute Speed Change Rating) | -2.66                 | --                                                                     |
| DT-EER (Drive Trace Energy Economy Rating)         | -0.28                 | --                                                                     |
| DT-IWRR (Drive Trace Inertia Work Ratio Rating)    | -2.78                 | --                                                                     |
| MFR FE (Manufacturer Fuel Economy)                 | 33.9                  | 99.4100295                                                             |
| NOX (Nitrogen Oxide)                               | 0                     | --                                                                     |
| N2O (Nitrous Oxide)                                | 0                     | --                                                                     |
| HC-NM (Non-methane Hydrocarbon)                    | 0                     | --                                                                     |
| NMOG (Non-methane organic gases)                   | 0                     | --                                                                     |

| Test Result Name                          | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|-------------------------------------------|-----------------------|---------------------------------|
| Carbon-Related Exhaust Emissions          | 0                     | 0                               |
| Optional Carbon-Related Exhaust Emissions | 0                     | 0                               |

| Test Result Name | Unrounded Test Result | Verify Calculated CO2 |
|------------------|-----------------------|-----------------------|
| Carbon dioxide   | 0                     | --                    |

## Manufacturer Test Comments

R1T - Si Drive Mode: All Purpose with 21" Tires. Cycle 1: 338.96 Wh/mi

## Certification Summary Information Report

| Test Group           |               | PRIVT00.0194         |               |                | Evaporative/Refueling Family |                  |                          |        |         | --                  |          |           |
|----------------------|---------------|----------------------|---------------|----------------|------------------------------|------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| Certification Region | Useful Life   | Standard Level       | Emission Name | Rounded Result | RAF                          | NMOG/NM HC Ratio | Diesel Adjustment Factor | Add DF | Mult DF | Certification Level | Standard | Pass/Fail |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CO            | 0              | --                           | --               | --                       | 0      | --      | 0                   | 0        | Pass      |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CO            | 0              | --                           | --               | --                       | 0      | --      | 0                   | 0        | Pass      |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |

**NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.**

## Certification Summary Information Report

|                                                |                                     |                                       |                  |
|------------------------------------------------|-------------------------------------|---------------------------------------|------------------|
| <b>Test Group</b>                              | PRIVT00.0194                        | <b>Evaporative/Refueling Family</b>   | --               |
| <b>Test #</b>                                  | <b>PRIV10078057</b>                 | <b>Test Procedure</b>                 | <b>90 - US06</b> |
| <b>Exhaust Test # for this Evap Test</b>       | --                                  | <b>Test Fuel Type</b>                 | 62 - Electricity |
| <b>Test Date</b>                               | 11/16/2022                          | <b>Fuel</b>                           | N/A              |
| <b>Fuel Batch ID</b>                           | --                                  | <b>Fuel Calibration Number</b>        | --               |
| <b>Vehicle Class</b>                           | N/A                                 | <b>DF Type</b>                        | EPA Assigned     |
| <b>Verify Test Lab ID</b>                      | FEV Michigan                        |                                       |                  |
| <b>E10 Evaporative Test Measurement Method</b> | --                                  |                                       |                  |
| <b>Test Start Odometer Reading</b>             | 9885                                | <b>Odometer Units</b>                 | M                |
| <b>4WD Test Dyno</b>                           | Yes                                 | <b>Diesel Adjustment Factor Usage</b> | --               |
| <b>State of Charge Delta</b>                   | Yes                                 |                                       |                  |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 86 (+/- 2 mph, +/- 1 sec) | <b>Road Speed Fan Usage</b>           | Yes              |

## Test Results

| Test Result Name                                          | Unrounded Test Result | Verify Calculated FE Equivalent Value<br>(kilowatt-hour per 100 miles) |
|-----------------------------------------------------------|-----------------------|------------------------------------------------------------------------|
| <b>METHANE (CH4 - Methane)</b>                            | 0                     | --                                                                     |
| <b>CO (Carbon Monoxide)</b>                               | 0                     | --                                                                     |
| <b>DT-ASCR (Drive Trace Absolute Speed Change Rating)</b> | -4.65                 | --                                                                     |
| <b>DT-EER (Drive Trace Energy Economy Rating)</b>         | -2.11                 | --                                                                     |
| <b>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</b>    | -9.22                 | --                                                                     |
| <b>MFR FE (Manufacturer Fuel Economy)</b>                 | 42.25                 | 79.7633136                                                             |
| <b>NOX (Nitrogen Oxide)</b>                               | 0                     | --                                                                     |
| <b>N2O (Nitrous Oxide)</b>                                | 0                     | --                                                                     |
| <b>HC-NM (Non-methane Hydrocarbon)</b>                    | 0                     | --                                                                     |
| <b>NMOG (Non-methane organic gases)</b>                   | 0                     | --                                                                     |

| Test Result Name                                 | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|--------------------------------------------------|-----------------------|---------------------------------|
| <b>Carbon-Related Exhaust Emissions</b>          | 0                     | --                              |
| <b>Optional Carbon-Related Exhaust Emissions</b> | 0                     | --                              |

| Test Result Name      | Unrounded Test Result | Verify Calculated CO2 |
|-----------------------|-----------------------|-----------------------|
| <b>Carbon dioxide</b> | 0                     | --                    |

## Manufacturer Test Comments

R1T - Si Drive Mode: All-Purpose with 21" Tires. Cycle 1 (city1): 402.86 Wh/mi, Cycle 2 (HWY): 429.00 Wh/mi, Cycle 3 (city2): 472.50 Wh/mi

## Certification Summary Information Report

|                                                |                                     |                                       |                  |
|------------------------------------------------|-------------------------------------|---------------------------------------|------------------|
| <b>Test Group</b>                              | PRIVT00.0194                        | <b>Evaporative/Refueling Family</b>   | --               |
| <b>Test #</b>                                  | <b>PRIV10078058</b>                 | <b>Test Procedure</b>                 | <b>95 - SC03</b> |
| <b>Exhaust Test # for this Evap Test</b>       | --                                  | <b>Test Fuel Type</b>                 | 62 - Electricity |
| <b>Test Date</b>                               | 11/16/2022                          | <b>Fuel</b>                           | N/A              |
| <b>Fuel Batch ID</b>                           | --                                  | <b>Fuel Calibration Number</b>        | --               |
| <b>Vehicle Class</b>                           | N/A                                 | <b>DF Type</b>                        | EPA Assigned     |
| <b>Verify Test Lab ID</b>                      | FEV Michigan                        |                                       |                  |
| <b>E10 Evaporative Test Measurement Method</b> | --                                  |                                       |                  |
| <b>Test Start Odometer Reading</b>             | 9878                                | <b>Odometer Units</b>                 | M                |
| <b>4WD Test Dyno</b>                           | Yes                                 | <b>Diesel Adjustment Factor Usage</b> | --               |
| <b>State of Charge Delta</b>                   | Yes                                 |                                       |                  |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 86 (+/- 2 mph, +/- 1 sec) | <b>Road Speed Fan Usage</b>           | Yes              |

## Test Results

| Test Result Name                                   | Unrounded Test Result | Verify Calculated FE Equivalent Value<br>(kilowatt-hour per 100 miles) |
|----------------------------------------------------|-----------------------|------------------------------------------------------------------------|
| METHANE (CH4 - Methane)                            | 0                     | --                                                                     |
| CO (Carbon Monoxide)                               | 0                     | --                                                                     |
| DT-ASCR (Drive Trace Absolute Speed Change Rating) | -1.42                 | --                                                                     |
| DT-EER (Drive Trace Energy Economy Rating)         | -1.2                  | --                                                                     |
| DT-IWRR (Drive Trace Inertia Work Ratio Rating)    | -1.65                 | --                                                                     |
| MFR FE (Manufacturer Fuel Economy)                 | 34.75                 | 96.9784173                                                             |
| NOX (Nitrogen Oxide)                               | 0                     | --                                                                     |
| N2O (Nitrous Oxide)                                | 0                     | --                                                                     |
| HC-NM (Non-methane Hydrocarbon)                    | 0                     | --                                                                     |
| NMOG (Non-methane organic gases)                   | 0                     | --                                                                     |

| Test Result Name                          | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|-------------------------------------------|-----------------------|---------------------------------|
| Carbon-Related Exhaust Emissions          | 0                     | --                              |
| Optional Carbon-Related Exhaust Emissions | 0                     | --                              |

| Test Result Name | Unrounded Test Result | Verify Calculated CO2 |
|------------------|-----------------------|-----------------------|
| Carbon dioxide   | 0                     | --                    |

## Manufacturer Test Comments

R1T - Si Drive Mode: All Purpose with 21" Tires. Cycle 1: 347.49 Wh/mi

## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PRIVT00.0194                             | <b>Evaporative/Refueling Family</b>           | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----------------------------------------------|-----------------------------------|------------------------------|---------------------------|-----------------------|---|----------------------------------|---|---|------------------------------------------|-------|---|-----------------------------------|-------|---|---------------------------------------|-------|----|---------------------------|-------|
| <b>Test #</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>PRIV10078043</b>                      | <b>Test Procedure</b>                         | <b>81 - Charge Depleting UDDS</b> |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | --                                       | <b>Test Fuel Type</b>                         | 62 - Electricity                  |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Test Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 11/17/2022                               | <b>Fuel</b>                                   | Electricity                       |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Fuel Batch ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | --                                       | <b>Fuel Calibration Number</b>                | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Vehicle Class</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MDPV (Federal Tier 2, GVWR 8501-10000)   | <b>DF Type</b>                                | EPA Assigned                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Verify Test Lab ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FEV Michigan                             |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | --                                       |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 9901                                     | <b>Odometer Units</b>                         | M                                 |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>4WD Test Dyno</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Yes                                      | <b>Diesel Adjustment Factor Usage</b>         | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>State of Charge Delta</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Yes                                      |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Drive Cycle Speed Tolerance Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Used Part 86 (+/- 2 mph, +/- 1 sec)      | <b>Road Speed Fan Usage</b>                   | Yes                               |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>PHEV/EV Charge Depleting Test Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Recharge Event Voltage</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 240                                      | <b>Recharge Event Energy (kiloWatt-hours)</b> | 150.6                             |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Range (Calculated miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 434.96                                   | <b>Charge Depleting Range (Actual miles)</b>  | 434.96                            |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>All Electric Range Unadjusted (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | --                                       | <b>Derived 5-Cycle Coefficient Model Year</b> | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Equivalent All Electric Range (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 434.96                                   |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Number of Charge Depleting Bags/Phases Conducted</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4                                        | <b>Transition Bag/Phase Number</b>            | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>2</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>0.35</td> </tr> <tr> <td>3</td> <td>Drive Trace Energy Economy Rating</td> <td>-0.1</td> </tr> <tr> <td>4</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>0.89</td> </tr> <tr> <td>5</td> <td>Manufacturer Fuel Economy</td> <td>32.59</td> </tr> </tbody> </table>     |                                          |                                               |                                   | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 1 | Carbon-Related Exhaust Emissions | 0 | 2 | Drive Trace Absolute Speed Change Rating | 0.35  | 3 | Drive Trace Energy Economy Rating | -0.1  | 4 | Drive Trace Inertia Work Ratio Rating | 0.89  | 5  | Manufacturer Fuel Economy | 32.59 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Test Result/Emission Name                | Unrounded Test Result                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Carbon-Related Exhaust Emissions         | 0                                             |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Absolute Speed Change Rating | 0.35                                          |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Energy Economy Rating        | -0.1                                          |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Inertia Work Ratio Rating    | 0.89                                          |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Manufacturer Fuel Economy                | 32.59                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
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| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Test Result/Emission Name                | Unrounded Test Result                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Carbon-Related Exhaust Emissions         | 0                                             |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Absolute Speed Change Rating | -2.45                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Energy Economy Rating        | -2.12                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Inertia Work Ratio Rating    | -3.98                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Manufacturer Fuel Economy                | 29.19                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |

## Certification Summary Information Report

| Test Group                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PRIVT00.0194                             | Evaporative/Refueling Family | --            |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------|---------------|------------------------------|---------------------------|-----------------------|--------------------------|----------------------------------|---------|---------------------|------------------------------------------|-----------|----|-----------------------------------|-------|----|---------------------------------------|-------|----|---------------------------|-------|
| <table><tr><th>Charge Depleting Bag/Phase #</th><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>11</td><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>12</td><td>Drive Trace Absolute Speed Change Rating</td><td>1.08</td></tr><tr><td>13</td><td>Drive Trace Energy Economy Rating</td><td>-0.08</td></tr><tr><td>14</td><td>Drive Trace Inertia Work Ratio Rating</td><td>1.79</td></tr><tr><td>15</td><td>Manufacturer Fuel Economy</td><td>30.77</td></tr></table>   |                                          |                              |               | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 11                       | Carbon-Related Exhaust Emissions | 0       | 12                  | Drive Trace Absolute Speed Change Rating | 1.08      | 13 | Drive Trace Energy Economy Rating | -0.08 | 14 | Drive Trace Inertia Work Ratio Rating | 1.79  | 15 | Manufacturer Fuel Economy | 30.77 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Test Result/Emission Name                | Unrounded Test Result        |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Carbon-Related Exhaust Emissions         | 0                            |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Drive Trace Absolute Speed Change Rating | 1.08                         |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Drive Trace Energy Economy Rating        | -0.08                        |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Drive Trace Inertia Work Ratio Rating    | 1.79                         |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Manufacturer Fuel Economy                | 30.77                        |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| Charge Depleting Bag/Phase                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                          |                              |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| <table><tr><th>Charge Depleting Bag/Phase #</th><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>16</td><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>17</td><td>Drive Trace Absolute Speed Change Rating</td><td>-1.99</td></tr><tr><td>18</td><td>Drive Trace Energy Economy Rating</td><td>-1.08</td></tr><tr><td>19</td><td>Drive Trace Inertia Work Ratio Rating</td><td>-3.05</td></tr><tr><td>20</td><td>Manufacturer Fuel Economy</td><td>29.05</td></tr></table> |                                          |                              |               | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 16                       | Carbon-Related Exhaust Emissions | 0       | 17                  | Drive Trace Absolute Speed Change Rating | -1.99     | 18 | Drive Trace Energy Economy Rating | -1.08 | 19 | Drive Trace Inertia Work Ratio Rating | -3.05 | 20 | Manufacturer Fuel Economy | 29.05 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Test Result/Emission Name                | Unrounded Test Result        |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Carbon-Related Exhaust Emissions         | 0                            |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Drive Trace Absolute Speed Change Rating | -1.99                        |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Drive Trace Energy Economy Rating        | -1.08                        |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Drive Trace Inertia Work Ratio Rating    | -3.05                        |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Manufacturer Fuel Economy                | 29.05                        |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| Manufacturer Test Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                          |                              |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| R1T - Si Drive Mode: All-Purpose with 21" Tires. Cycle 1: 325.91 Wh/mi, Cycle 2: 307.69 Wh/mi, Cycle 3: 291.91 Wh/mi, Cycle 4: 290.53 Wh/mi. MCT Energy: 129296.37 Wh                                                                                                                                                                                                                                                                                                                                                   |                                          |                              |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |       |    |                           |       |
| Certification Region                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Useful Life                              | Standard Level               | Emission Name | Rounded Result               | RAF                       | NMOG/NM HC Ratio      | Diesel Adjustment Factor | Add DF                           | Mult DF | Certification Level | Standard                                 | Pass/Fail |    |                                   |       |    |                                       |       |    |                           |       |
| Fed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 150,000 miles                            | Federal Tier 3 Bin 0         | CREE          | 0                            | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |       |    |                                       |       |    |                           |       |
| Fed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 150,000 miles                            | Federal Tier 3 Bin 0         | CREE          | 0                            | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |       |    |                                       |       |    |                           |       |
| Fed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 150,000 miles                            | Federal Tier 3 Bin 0         | CREE          | 0                            | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |       |    |                                       |       |    |                           |       |
| Fed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 150,000 miles                            | Federal Tier 3 Bin 0         | CREE          | 0                            | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |       |    |                                       |       |    |                           |       |
| CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 120,000 miles                            | California ZEV               | CREE          | 0                            | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |       |    |                                       |       |    |                           |       |
| CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 120,000 miles                            | California ZEV               | CREE          | 0                            | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |       |    |                                       |       |    |                           |       |
| CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 120,000 miles                            | California ZEV               | CREE          | 0                            | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |       |    |                                       |       |    |                           |       |
| CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 120,000 miles                            | California ZEV               | CREE          | 0                            | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |       |    |                                       |       |    |                           |       |

## Certification Summary Information Report

| <b>Test Group</b>                                       | PRIVT00.0194                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Evaporative/Refueling Family</b>           | --                                   |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------------|-----------------------|---|----------------------------------|---|---|------------------------------------------|-------|---|-----------------------------------|-------|---|---------------------------------------|-------|----|---------------------------|-------|--|
| <b>Test #</b>                                           | <b>PRIV10078044</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Test Procedure</b>                         | <b>84 - Charge Depleting Highway</b> |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>Exhaust Test # for this Evap Test</b>                | --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Test Fuel Type</b>                         | 62 - Electricity                     |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>Test Date</b>                                        | 11/17/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Fuel</b>                                   | Electricity                          |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>Fuel Batch ID</b>                                    | --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Fuel Calibration Number</b>                | --                                   |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>Vehicle Class</b>                                    | MDPV (Federal Tier 2, GVWR 8501-10000)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>DF Type</b>                                | EPA Assigned                         |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>Verify Test Lab ID</b>                               | FEV Michigan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                               |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>E10 Evaporative Test Measurement Method</b>          | --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                               |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>Test Start Odometer Reading</b>                      | 9901                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Odometer Units</b>                         | M                                    |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>4WD Test Dyno</b>                                    | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Diesel Adjustment Factor Usage</b>         | --                                   |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>State of Charge Delta</b>                            | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                               |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>Drive Cycle Speed Tolerance Criteria</b>             | Used Part 86 (+/- 2 mph, +/- 1 sec)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Road Speed Fan Usage</b>                   | Yes                                  |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>PHEV/EV Charge Depleting Test Information</b>        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                               |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>Recharge Event Voltage</b>                           | 240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Recharge Event Energy (kiloWatt-hours)</b> | 150.6                                |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>Charge Depleting Range (Calculated miles)</b>        | 386.95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>Charge Depleting Range (Actual miles)</b>  | 386.95                               |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>All Electric Range Unadjusted (miles)</b>            | --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Derived 5-Cycle Coefficient Model Year</b> | --                                   |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>Equivalent All Electric Range (miles)</b>            | 386.95                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                               |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>Number of Charge Depleting Bags/Phases Conducted</b> | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Transition Bag/Phase Number</b>            | --                                   |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>Charge Depleting Bag/Phase</b>                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                               |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
|                                                         | <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>2</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>-3.25</td> </tr> <tr> <td>3</td> <td>Drive Trace Energy Economy Rating</td> <td>-0.42</td> </tr> <tr> <td>4</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-3.75</td> </tr> <tr> <td>5</td> <td>Manufacturer Fuel Economy</td> <td>32.61</td> </tr> </tbody> </table> | Charge Depleting Bag/Phase #                  | Test Result/Emission Name            | Unrounded Test Result | 1 | Carbon-Related Exhaust Emissions | 0 | 2 | Drive Trace Absolute Speed Change Rating | -3.25 | 3 | Drive Trace Energy Economy Rating | -0.42 | 4 | Drive Trace Inertia Work Ratio Rating | -3.75 | 5  | Manufacturer Fuel Economy | 32.61 |  |
| Charge Depleting Bag/Phase #                            | Test Result/Emission Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Unrounded Test Result                         |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| 1                                                       | Carbon-Related Exhaust Emissions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0                                             |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| 2                                                       | Drive Trace Absolute Speed Change Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -3.25                                         |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| 3                                                       | Drive Trace Energy Economy Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -0.42                                         |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| 4                                                       | Drive Trace Inertia Work Ratio Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -3.75                                         |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| 5                                                       | Manufacturer Fuel Economy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 32.61                                         |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>Charge Depleting Bag/Phase</b>                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                               |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
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| Charge Depleting Bag/Phase #                            | Test Result/Emission Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Unrounded Test Result                         |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| 6                                                       | Carbon-Related Exhaust Emissions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0                                             |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| 7                                                       | Drive Trace Absolute Speed Change Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2.26                                          |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| 8                                                       | Drive Trace Energy Economy Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.73                                          |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| 9                                                       | Drive Trace Inertia Work Ratio Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2.83                                          |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| 10                                                      | Manufacturer Fuel Economy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 34.22                                         |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |
| <b>Manufacturer Test Comments</b>                       | R1T - Si Drive Mode: All-Purpose with 21" Tires. Cycle 1: 342.19 Wh/mi, Cycle 2: 326.09 Wh/mi. MCT Energy: 129296.37 Wh                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                               |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |       |   |                                       |       |    |                           |       |  |

## Certification Summary Information Report

| Test Group           |               | PRIVT00.0194         |               |                |     | Evaporative/Refueling Family |                          |        |         | --                  |          |           |
|----------------------|---------------|----------------------|---------------|----------------|-----|------------------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| Certification Region | Useful Life   | Standard Level       | Emission Name | Rounded Result | RAF | NMOG/NM HC Ratio             | Diesel Adjustment Factor | Add DF | Mult DF | Certification Level | Standard | Pass/Fail |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --  | --                           | --                       | 0      | --      | 0                   | --       | --        |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --  | --                           | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0              | --  | --                           | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0              | --  | --                           | --                       | 0      | --      | 0                   | --       | --        |

## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PRIVT00.0194                             | <b>Evaporative/Refueling Family</b>           | --                                           |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----------------------------------------------|----------------------------------------------|------------------------------|---------------------------|-----------------------|---|----------------------------------|---|---|------------------------------------------|------|---|-----------------------------------|-------|---|---------------------------------------|------|----|---------------------------|-------|
| <b>Test #</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>PRIV10078069</b>                      | <b>Test Procedure</b>                         | <b>86 - Charge Depleting 20 Degree F FTP</b> |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | --                                       | <b>Test Fuel Type</b>                         | 62 - Electricity                             |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Test Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 11/19/2022                               | <b>Fuel</b>                                   | N/A                                          |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Fuel Batch ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | --                                       | <b>Fuel Calibration Number</b>                | --                                           |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Vehicle Class</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | N/A                                      | <b>DF Type</b>                                | EPA Assigned                                 |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Verify Test Lab ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FEV Michigan                             |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | --                                       |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 10267                                    | <b>Odometer Units</b>                         | M                                            |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>4WD Test Dyno</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Yes                                      | <b>Diesel Adjustment Factor Usage</b>         | --                                           |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>State of Charge Delta</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Yes                                      |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Drive Cycle Speed Tolerance Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Used Part 86 (+/- 2 mph, +/- 1 sec)      | <b>Road Speed Fan Usage</b>                   | Yes                                          |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>PHEV/EV Charge Depleting Test Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                          |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Recharge Event Voltage</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 240                                      | <b>Recharge Event Energy (kiloWatt-hours)</b> | 150.6                                        |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Charge Depleting Range (Calculated miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 111.76                                   | <b>Charge Depleting Range (Actual miles)</b>  | 111.76                                       |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>All Electric Range Unadjusted (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | --                                       | <b>Derived 5-Cycle Coefficient Model Year</b> | --                                           |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Equivalent All Electric Range (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 111.76                                   |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Number of Charge Depleting Bags/Phases Conducted</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 3                                        | <b>Transition Bag/Phase Number</b>            | --                                           |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                          |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>2</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>0.72</td> </tr> <tr> <td>3</td> <td>Drive Trace Energy Economy Rating</td> <td>-0.32</td> </tr> <tr> <td>4</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>1.38</td> </tr> <tr> <td>5</td> <td>Manufacturer Fuel Economy</td> <td>50.51</td> </tr> </tbody> </table> |                                          |                                               |                                              | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 1 | Carbon-Related Exhaust Emissions | 0 | 2 | Drive Trace Absolute Speed Change Rating | 0.72 | 3 | Drive Trace Energy Economy Rating | -0.32 | 4 | Drive Trace Inertia Work Ratio Rating | 1.38 | 5  | Manufacturer Fuel Economy | 50.51 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Test Result/Emission Name                | Unrounded Test Result                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Carbon-Related Exhaust Emissions         | 0                                             |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Absolute Speed Change Rating | 0.72                                          |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Energy Economy Rating        | -0.32                                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Inertia Work Ratio Rating    | 1.38                                          |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Manufacturer Fuel Economy                | 50.51                                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                          |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>7</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>0.23</td> </tr> <tr> <td>8</td> <td>Drive Trace Energy Economy Rating</td> <td>-0.43</td> </tr> <tr> <td>9</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>0.3</td> </tr> <tr> <td>10</td> <td>Manufacturer Fuel Economy</td> <td>67.07</td> </tr> </tbody> </table> |                                          |                                               |                                              | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 6 | Carbon-Related Exhaust Emissions | 0 | 7 | Drive Trace Absolute Speed Change Rating | 0.23 | 8 | Drive Trace Energy Economy Rating | -0.43 | 9 | Drive Trace Inertia Work Ratio Rating | 0.3  | 10 | Manufacturer Fuel Economy | 67.07 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Test Result/Emission Name                | Unrounded Test Result                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Carbon-Related Exhaust Emissions         | 0                                             |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Absolute Speed Change Rating | 0.23                                          |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Energy Economy Rating        | -0.43                                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Inertia Work Ratio Rating    | 0.3                                           |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Manufacturer Fuel Economy                | 67.07                                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                          |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |

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## Certification Summary Information Report

| <b>Test Group</b>                            | PRIVT00.0194                                                                                                                                                                  | <b>Evaporative/Refueling Family</b>                   | --              |      |   |                |             |  |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-----------------|------|---|----------------|-------------|--|
| <b>Emission Data Vehicle Information</b>     |                                                                                                                                                                               |                                                       |                 |      |   |                |             |  |
| <b>Vehicle ID / Configuration</b>            | R1T3804R21AP / 0                                                                                                                                                              | <b>Manufacturer Vehicle Configuration Number</b>      | 0               |      |   |                |             |  |
| <b>Original Test Group Name</b>              | PRIVT00.0194                                                                                                                                                                  | <b>Original Evaporative/Refueling Family</b>          | --              |      |   |                |             |  |
| <b>Original Test Vehicle Model Year</b>      | 2023                                                                                                                                                                          |                                                       |                 |      |   |                |             |  |
| <b>Vehicle Model</b>                         |                                                                                                                                                                               |                                                       |                 |      |   |                |             |  |
| <b>Represented Test Vehicle Make</b>         | Rivian                                                                                                                                                                        | <b>Represented Test Vehicle Model</b>                 | R1T 21          |      |   |                |             |  |
| <b>Leak Family Details</b>                   |                                                                                                                                                                               |                                                       |                 |      |   |                |             |  |
| <b>Leak Family Identifier</b>                | --                                                                                                                                                                            | <b>Leak Family Name</b>                               | --              |      |   |                |             |  |
| <b>Drive Sources and Fuel System Details</b> |                                                                                                                                                                               |                                                       |                 |      |   |                |             |  |
|                                              | <table border="1"> <tr> <th>Drive Source and Fuel#</th> <th>Drive Source</th> <th>Fuel</th> </tr> <tr> <td>1</td> <td>Electric Motor</td> <td>Electricity</td> </tr> </table> | Drive Source and Fuel#                                | Drive Source    | Fuel | 1 | Electric Motor | Electricity |  |
| Drive Source and Fuel#                       | Drive Source                                                                                                                                                                  | Fuel                                                  |                 |      |   |                |             |  |
| 1                                            | Electric Motor                                                                                                                                                                | Electricity                                           |                 |      |   |                |             |  |
| <b>Hybrid Indicator</b>                      | No                                                                                                                                                                            | <b>Multiple Fuel Combustion</b>                       | --              |      |   |                |             |  |
| <b>Multiple Fuel Storage</b>                 | --                                                                                                                                                                            | <b>Rechargeable Energy Storage System Indicator</b>   | Yes             |      |   |                |             |  |
| <b>Fuel Cell Indicator</b>                   | No                                                                                                                                                                            | <b>Rechargeable Energy Storage System, if 'Other'</b> | --              |      |   |                |             |  |
| <b>Rechargeable Energy Storage System</b>    | Battery(s)                                                                                                                                                                    |                                                       |                 |      |   |                |             |  |
| <b>Off-board charge Capable Indicator</b>    | Yes                                                                                                                                                                           | <b>Odometer Correction Factor</b>                     | 1               |      |   |                |             |  |
| <b>Odometer Correction -- Initial</b>        | 1                                                                                                                                                                             |                                                       |                 |      |   |                |             |  |
| <b>Odometer Correction Sign</b>              | + = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles                                                                               |                                                       |                 |      |   |                |             |  |
| <b>Odometer Correction Units</b>             | Miles                                                                                                                                                                         |                                                       |                 |      |   |                |             |  |
| <b>Engine Code</b>                           | 132X2110X2OS                                                                                                                                                                  | <b>Rated Horsepower</b>                               | 872             |      |   |                |             |  |
| <b>Displacement (liters)</b>                 | 99.999                                                                                                                                                                        | <b>Air Aspiration Method, if 'Other'</b>              | Electric        |      |   |                |             |  |
| <b>Air Aspiration Method</b>                 | Naturally Aspirated                                                                                                                                                           | <b>Air Aspiration Device Configuration</b>            | --              |      |   |                |             |  |
| <b>Number of Air Aspiration Devices</b>      | --                                                                                                                                                                            | <b>Drive Mode While Testing</b>                       | All Wheel Drive |      |   |                |             |  |
| <b>Charge Air Cooler Type</b>                | --                                                                                                                                                                            | <b>Aged Emission Components</b>                       | 4,000 (mi)      |      |   |                |             |  |
| <b>Shift Indicator Light Usage</b>           | Not equipped                                                                                                                                                                  | <b>Equivalent Test Weight (pounds)</b>                | 7000            |      |   |                |             |  |
| <b>Curb Weight (lbs)</b>                     | 6916                                                                                                                                                                          | <b>N/V Ratio</b>                                      | 999.9           |      |   |                |             |  |
| <b>GVWR (lbs)</b>                            | --                                                                                                                                                                            |                                                       |                 |      |   |                |             |  |
| <b>Axle Ratio</b>                            | 9.99                                                                                                                                                                          | <b># of Transmission Gears</b>                        | 1               |      |   |                |             |  |
| <b>Transmission Type</b>                     | Automatic                                                                                                                                                                     | <b>Creep Gear</b>                                     | No              |      |   |                |             |  |
| <b>Transmission Lockup</b>                   | No                                                                                                                                                                            |                                                       |                 |      |   |                |             |  |

## Certification Summary Information Report

|                                    |                                                                                                                 |             |                |                              |             |                |                                                                                  |
|------------------------------------|-----------------------------------------------------------------------------------------------------------------|-------------|----------------|------------------------------|-------------|----------------|----------------------------------------------------------------------------------|
| Test Group                         | PRIVT00.0194                                                                                                    |             |                | Evaporative/Refueling Family |             |                | --                                                                               |
| Dynamometer Coefficients:          |                                                                                                                 |             |                |                              |             |                |                                                                                  |
| Target Coefficients                |                                                                                                                 |             |                | Set Coefficients             |             |                | EPA Calculated Total Road Load Horse Power for<br>City/Highway/Evap Coefficients |
| Coefficient<br>Category            | A (lbf)                                                                                                         | B (lbf/mph) | C (lbf/mph**2) | A (lbf)                      | B (lbf/mph) | C (lbf/mph**2) |                                                                                  |
| City/Highway/Evap                  | 56.36                                                                                                           | 0.2295      | 0.02774        | -13.97                       | 0.1958      | 0.02521        | 18.3                                                                             |
| Cold CO                            | 62                                                                                                              | 0.2525      | 0.03051        | -14.52                       | -0.2968     | 0.03138        | N/A                                                                              |
| US06                               | 56.36                                                                                                           | 0.2295      | 0.02774        | -13.97                       | 0.1958      | 0.02521        | N/A                                                                              |
| Emission Control Device Comments   | Battery Electric Vehicle                                                                                        |             |                |                              |             |                |                                                                                  |
| Manufacturer Test Vehicle Comments | AWD - All-Purpose drive mode configuration N/V Ratio: 128.75, Axle Ratio: 12.6:1, data entered is a placeholder |             |                |                              |             |                |                                                                                  |

## Certification Summary Information Report

|                                                |                                        |                                       |                                             |
|------------------------------------------------|----------------------------------------|---------------------------------------|---------------------------------------------|
| <b>Test Group</b>                              | PRIVT00.0194                           | <b>Evaporative/Refueling Family</b>   | --                                          |
| <b>Test #</b>                                  | <b>PRIV10077321</b>                    | <b>Test Procedure</b>                 | <b>2 - CVS 75 and later (w/o can. load)</b> |
| <b>Exhaust Test # for this Evap Test</b>       | --                                     | <b>Test Fuel Type</b>                 | 62 - Electricity                            |
| <b>Test Date</b>                               | 09/11/2022                             | <b>Fuel</b>                           | Electricity                                 |
| <b>Fuel Batch ID</b>                           | --                                     | <b>Fuel Calibration Number</b>        | --                                          |
| <b>Vehicle Class</b>                           | MDPV (Federal Tier 2, GVWR 8501-10000) | <b>DF Type</b>                        | EPA Assigned                                |
| <b>Verify Test Lab ID</b>                      | FEV Michigan                           |                                       |                                             |
| <b>E10 Evaporative Test Measurement Method</b> | --                                     |                                       |                                             |
| <b>Test Start Odometer Reading</b>             | 3595                                   | <b>Odometer Units</b>                 | M                                           |
| <b>4WD Test Dyno</b>                           | Yes                                    | <b>Diesel Adjustment Factor Usage</b> | --                                          |
| <b>State of Charge Delta</b>                   | Yes                                    |                                       |                                             |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 86 (+/- 2 mph, +/- 1 sec)    | <b>Road Speed Fan Usage</b>           | Yes                                         |

## Test Results

| Test Result Name                                   | Unrounded Test Result | Verify Calculated FE Equivalent Value<br>(kilowatt-hour per 100 miles) |
|----------------------------------------------------|-----------------------|------------------------------------------------------------------------|
| METHANE (CH4 - Methane)                            | 0                     | --                                                                     |
| CO (Carbon Monoxide)                               | 0                     | --                                                                     |
| DT-ASCR (Drive Trace Absolute Speed Change Rating) | -1.6                  | --                                                                     |
| DT-EER (Drive Trace Energy Economy Rating)         | -1.01                 | --                                                                     |
| DT-IWRR (Drive Trace Inertia Work Ratio Rating)    | -2.72                 | --                                                                     |
| MFR FE (Manufacturer Fuel Economy)                 | 28.54                 | 118.0798879                                                            |
| NOX (Nitrogen Oxide)                               | 0                     | --                                                                     |
| N2O (Nitrous Oxide)                                | 0                     | --                                                                     |
| HC-NM (Non-methane Hydrocarbon)                    | 0                     | --                                                                     |
| NMOG (Non-methane organic gases)                   | 0                     | --                                                                     |

| Test Result Name                          | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|-------------------------------------------|-----------------------|---------------------------------|
| Carbon-Related Exhaust Emissions          | 0                     | 0                               |
| Optional Carbon-Related Exhaust Emissions | 0                     | 0                               |

| Test Result Name | Unrounded Test Result | Verify Calculated CO2 |
|------------------|-----------------------|-----------------------|
| Carbon dioxide   | 0                     | --                    |

**Manufacturer Test Comments** R1T - Drive Mode: All-Purpose with 21" Tires. Cycle 1: 322.21 Wh/mi, Cycle 2: 260.28 Wh/mi, Cycle 3: 306.04 Wh/mi, Cycle 4: 252.70 Wh/mi.

## Certification Summary Information Report

| Test Group           |               | PRIVT00.0194         |               |                | Evaporative/Refueling Family |                  |                          |        |         | --                  |          |           |
|----------------------|---------------|----------------------|---------------|----------------|------------------------------|------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| Certification Region | Useful Life   | Standard Level       | Emission Name | Rounded Result | RAF                          | NMOG/NM HC Ratio | Diesel Adjustment Factor | Add DF | Mult DF | Certification Level | Standard | Pass/Fail |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CO            | 0              | --                           | --               | --                       | 0      | --      | 0                   | 0        | Pass      |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CO            | 0              | --                           | --               | --                       | 0      | --      | 0                   | 0        | Pass      |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |

**NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.**

## Certification Summary Information Report

|                                                |                                        |                                       |                  |
|------------------------------------------------|----------------------------------------|---------------------------------------|------------------|
| <b>Test Group</b>                              | PRIVT00.0194                           | <b>Evaporative/Refueling Family</b>   | --               |
| <b>Test #</b>                                  | <b>PRIV10077322</b>                    | <b>Test Procedure</b>                 | <b>3 - HWFE</b>  |
| <b>Exhaust Test # for this Evap Test</b>       | --                                     | <b>Test Fuel Type</b>                 | 62 - Electricity |
| <b>Test Date</b>                               | 09/11/2022                             | <b>Fuel</b>                           | Electricity      |
| <b>Fuel Batch ID</b>                           | --                                     | <b>Fuel Calibration Number</b>        | --               |
| <b>Vehicle Class</b>                           | MDPV (Federal Tier 2, GVWR 8501-10000) | <b>DF Type</b>                        | EPA Assigned     |
| <b>Verify Test Lab ID</b>                      | FEV Michigan                           |                                       |                  |
| <b>E10 Evaporative Test Measurement Method</b> | --                                     |                                       |                  |
| <b>Test Start Odometer Reading</b>             | 3595                                   | <b>Odometer Units</b>                 | M                |
| <b>4WD Test Dyno</b>                           | Yes                                    | <b>Diesel Adjustment Factor Usage</b> | --               |
| <b>State of Charge Delta</b>                   | Yes                                    |                                       |                  |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 86 (+/- 2 mph, +/- 1 sec)    | <b>Road Speed Fan Usage</b>           | Yes              |

## Test Results

| Test Result Name                                          | Unrounded Test Result | Verify Calculated FE Equivalent Value<br>(kilowatt-hour per 100 miles) |
|-----------------------------------------------------------|-----------------------|------------------------------------------------------------------------|
| <b>METHANE (CH4 - Methane)</b>                            | 0                     | --                                                                     |
| <b>CO (Carbon Monoxide)</b>                               | 0                     | --                                                                     |
| <b>DT-ASCR (Drive Trace Absolute Speed Change Rating)</b> | -1.75                 | --                                                                     |
| <b>DT-EER (Drive Trace Energy Economy Rating)</b>         | -0.65                 | --                                                                     |
| <b>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</b>    | -2.24                 | --                                                                     |
| <b>MFR FE (Manufacturer Fuel Economy)</b>                 | 32.14                 | 104.8537648                                                            |
| <b>NOX (Nitrogen Oxide)</b>                               | 0                     | --                                                                     |
| <b>N2O (Nitrous Oxide)</b>                                | 0                     | --                                                                     |
| <b>HC-NM (Non-methane Hydrocarbon)</b>                    | 0                     | --                                                                     |
| <b>NMOG (Non-methane organic gases)</b>                   | 0                     | --                                                                     |

| Test Result Name                                 | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|--------------------------------------------------|-----------------------|---------------------------------|
| <b>Carbon-Related Exhaust Emissions</b>          | 0                     | 0                               |
| <b>Optional Carbon-Related Exhaust Emissions</b> | 0                     | 0                               |

| Test Result Name      | Unrounded Test Result | Verify Calculated CO2 |
|-----------------------|-----------------------|-----------------------|
| <b>Carbon dioxide</b> | 0                     | --                    |

## Manufacturer Test Comments

R1T - Drive Mode: All-Purpose with 21" Tires. Cycle 1: 321.28 Wh/mi

## Certification Summary Information Report

| Test Group           |               | PRIVT00.0194         |               |                | Evaporative/Refueling Family |                  |                          |        |         | --                  |          |           |
|----------------------|---------------|----------------------|---------------|----------------|------------------------------|------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| Certification Region | Useful Life   | Standard Level       | Emission Name | Rounded Result | RAF                          | NMOG/NM HC Ratio | Diesel Adjustment Factor | Add DF | Mult DF | Certification Level | Standard | Pass/Fail |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CO            | 0              | --                           | --               | --                       | 0      | --      | 0                   | 0        | Pass      |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CO            | 0              | --                           | --               | --                       | 0      | --      | 0                   | 0        | Pass      |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |

**NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.**

## Certification Summary Information Report

|                                                |                                     |                                       |                  |
|------------------------------------------------|-------------------------------------|---------------------------------------|------------------|
| <b>Test Group</b>                              | PRIVT00.0194                        | <b>Evaporative/Refueling Family</b>   | --               |
| <b>Test #</b>                                  | <b>PRIV10077326</b>                 | <b>Test Procedure</b>                 | <b>90 - US06</b> |
| <b>Exhaust Test # for this Evap Test</b>       | --                                  | <b>Test Fuel Type</b>                 | 62 - Electricity |
| <b>Test Date</b>                               | 09/11/2022                          | <b>Fuel</b>                           | N/A              |
| <b>Fuel Batch ID</b>                           | --                                  | <b>Fuel Calibration Number</b>        | --               |
| <b>Vehicle Class</b>                           | N/A                                 | <b>DF Type</b>                        | EPA Assigned     |
| <b>Verify Test Lab ID</b>                      | FEV Michigan                        |                                       |                  |
| <b>E10 Evaporative Test Measurement Method</b> | --                                  |                                       |                  |
| <b>Test Start Odometer Reading</b>             | 3620                                | <b>Odometer Units</b>                 | M                |
| <b>4WD Test Dyno</b>                           | Yes                                 | <b>Diesel Adjustment Factor Usage</b> | --               |
| <b>State of Charge Delta</b>                   | Yes                                 |                                       |                  |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 86 (+/- 2 mph, +/- 1 sec) | <b>Road Speed Fan Usage</b>           | Yes              |

## Test Results

| Test Result Name                                   | Unrounded Test Result | Verify Calculated FE Equivalent Value<br>(kilowatt-hour per 100 miles) |
|----------------------------------------------------|-----------------------|------------------------------------------------------------------------|
| METHANE (CH4 - Methane)                            | 0                     | --                                                                     |
| CO (Carbon Monoxide)                               | 0                     | --                                                                     |
| DT-ASCR (Drive Trace Absolute Speed Change Rating) | -4.28                 | --                                                                     |
| DT-EER (Drive Trace Energy Economy Rating)         | -2.17                 | --                                                                     |
| DT-IWRR (Drive Trace Inertia Work Ratio Rating)    | -9.28                 | --                                                                     |
| MFR FE (Manufacturer Fuel Economy)                 | 41.68                 | 80.8541267                                                             |
| NOX (Nitrogen Oxide)                               | 0                     | --                                                                     |
| N2O (Nitrous Oxide)                                | 0                     | --                                                                     |
| HC-NM (Non-methane Hydrocarbon)                    | 0                     | --                                                                     |
| NMOG (Non-methane organic gases)                   | 0                     | --                                                                     |

| Test Result Name                          | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|-------------------------------------------|-----------------------|---------------------------------|
| Carbon-Related Exhaust Emissions          | 0                     | --                              |
| Optional Carbon-Related Exhaust Emissions | 0                     | --                              |

| Test Result Name | Unrounded Test Result | Verify Calculated CO2 |
|------------------|-----------------------|-----------------------|
| Carbon dioxide   | 0                     | --                    |

## Manufacturer Test Comments

R1T - Drive Mode: All-Purpose with 21" Tires. Cycle 1 (City1): 384.71 Wh/mi, Cycle 2 (HWY): 420.34 Wh/mi, Cycle 3 (City2): 456.45 Wh/mi

## Certification Summary Information Report

|                                                |                                     |                                       |                  |
|------------------------------------------------|-------------------------------------|---------------------------------------|------------------|
| <b>Test Group</b>                              | PRIVT00.0194                        | <b>Evaporative/Refueling Family</b>   | --               |
| <b>Test #</b>                                  | <b>PRIV10077328</b>                 | <b>Test Procedure</b>                 | <b>95 - SC03</b> |
| <b>Exhaust Test # for this Evap Test</b>       | --                                  | <b>Test Fuel Type</b>                 | 62 - Electricity |
| <b>Test Date</b>                               | 09/12/2022                          | <b>Fuel</b>                           | N/A              |
| <b>Fuel Batch ID</b>                           | --                                  | <b>Fuel Calibration Number</b>        | --               |
| <b>Vehicle Class</b>                           | N/A                                 | <b>DF Type</b>                        | EPA Assigned     |
| <b>Verify Test Lab ID</b>                      | FEV Michigan                        |                                       |                  |
| <b>E10 Evaporative Test Measurement Method</b> | --                                  |                                       |                  |
| <b>Test Start Odometer Reading</b>             | 3636                                | <b>Odometer Units</b>                 | M                |
| <b>4WD Test Dyno</b>                           | Yes                                 | <b>Diesel Adjustment Factor Usage</b> | --               |
| <b>State of Charge Delta</b>                   | Yes                                 |                                       |                  |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 86 (+/- 2 mph, +/- 1 sec) | <b>Road Speed Fan Usage</b>           | Yes              |

## Test Results

| Test Result Name                                          | Unrounded Test Result | Verify Calculated FE Equivalent Value<br>(kilowatt-hour per 100 miles) |
|-----------------------------------------------------------|-----------------------|------------------------------------------------------------------------|
| <b>METHANE (CH4 - Methane)</b>                            | 0                     | --                                                                     |
| <b>CO (Carbon Monoxide)</b>                               | 0                     | --                                                                     |
| <b>DT-ASCR (Drive Trace Absolute Speed Change Rating)</b> | -1.26                 | --                                                                     |
| <b>DT-EER (Drive Trace Energy Economy Rating)</b>         | -1.37                 | --                                                                     |
| <b>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</b>    | -2.23                 | --                                                                     |
| <b>MFR FE (Manufacturer Fuel Economy)</b>                 | 34.85                 | 96.7001435                                                             |
| <b>NOX (Nitrogen Oxide)</b>                               | 0                     | --                                                                     |
| <b>N2O (Nitrous Oxide)</b>                                | 0                     | --                                                                     |
| <b>HC-NM (Non-methane Hydrocarbon)</b>                    | 0                     | --                                                                     |
| <b>NMOG (Non-methane organic gases)</b>                   | 0                     | --                                                                     |

| Test Result Name                                 | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|--------------------------------------------------|-----------------------|---------------------------------|
| <b>Carbon-Related Exhaust Emissions</b>          | 0                     | --                              |
| <b>Optional Carbon-Related Exhaust Emissions</b> | 0                     | --                              |

| Test Result Name      | Unrounded Test Result | Verify Calculated CO2 |
|-----------------------|-----------------------|-----------------------|
| <b>Carbon dioxide</b> | 0                     | --                    |

## Manufacturer Test Comments

R1T - Drive Mode: All-Purpose with 21" Tires. Cycle 1: 348.54 Wh/mi

## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PRIVT00.0194                             | <b>Evaporative/Refueling Family</b>           | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----------------------------------------------|-----------------------------------|------------------------------|---------------------------|-----------------------|---|----------------------------------|---|---|------------------------------------------|-------|---|-----------------------------------|--------|---|---------------------------------------|-------|----|---------------------------|-------|
| <b>Test #</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>PRIV10077317</b>                      | <b>Test Procedure</b>                         | <b>81 - Charge Depleting UDDS</b> |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | --                                       | <b>Test Fuel Type</b>                         | 62 - Electricity                  |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| <b>Test Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 09/28/2022                               | <b>Fuel</b>                                   | Electricity                       |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| <b>Fuel Batch ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | --                                       | <b>Fuel Calibration Number</b>                | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| <b>Vehicle Class</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MDPV (Federal Tier 2, GVWR 8501-10000)   | <b>DF Type</b>                                | EPA Assigned                      |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| <b>Verify Test Lab ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FEV Michigan                             |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | --                                       |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 4678                                     | <b>Odometer Units</b>                         | M                                 |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| <b>4WD Test Dyno</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Yes                                      | <b>Diesel Adjustment Factor Usage</b>         | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| <b>State of Charge Delta</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Yes                                      |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| <b>Drive Cycle Speed Tolerance Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Used Part 86 (+/- 2 mph, +/- 1 sec)      | <b>Road Speed Fan Usage</b>                   | Yes                               |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| <b>PHEV/EV Charge Depleting Test Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| <b>Recharge Event Voltage</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 240                                      | <b>Recharge Event Energy (kiloWatt-hours)</b> | 148.67                            |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| <b>Charge Depleting Range (Calculated miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 475.41                                   | <b>Charge Depleting Range (Actual miles)</b>  | 475.41                            |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| <b>All Electric Range Unadjusted (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | --                                       | <b>Derived 5-Cycle Coefficient Model Year</b> | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| <b>Equivalent All Electric Range (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 475.41                                   |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| <b>Number of Charge Depleting Bags/Phases Conducted</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4                                        | <b>Transition Bag/Phase Number</b>            | --                                |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>2</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>0.955</td> </tr> <tr> <td>3</td> <td>Drive Trace Energy Economy Rating</td> <td>0.52</td> </tr> <tr> <td>4</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>1.115</td> </tr> <tr> <td>5</td> <td>Manufacturer Fuel Economy</td> <td>26.65</td> </tr> </tbody> </table>   |                                          |                                               |                                   | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 1 | Carbon-Related Exhaust Emissions | 0 | 2 | Drive Trace Absolute Speed Change Rating | 0.955 | 3 | Drive Trace Energy Economy Rating | 0.52   | 4 | Drive Trace Inertia Work Ratio Rating | 1.115 | 5  | Manufacturer Fuel Economy | 26.65 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Test Result/Emission Name                | Unrounded Test Result                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Carbon-Related Exhaust Emissions         | 0                                             |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Absolute Speed Change Rating | 0.955                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Energy Economy Rating        | 0.52                                          |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Inertia Work Ratio Rating    | 1.115                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Manufacturer Fuel Economy                | 26.65                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
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| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Test Result/Emission Name                | Unrounded Test Result                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Carbon-Related Exhaust Emissions         | 0                                             |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Absolute Speed Change Rating | 0.015                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Energy Economy Rating        | -0.225                                        |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Drive Trace Inertia Work Ratio Rating    | 0.755                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Manufacturer Fuel Economy                | 28.9                                          |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |       |   |                                   |        |   |                                       |       |    |                           |       |

## Certification Summary Information Report

| Test Group                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PRIVT00.0194                             | Evaporative/Refueling Family | --            |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |        |    |                           |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------|---------------|------------------------------|---------------------------|-----------------------|--------------------------|----------------------------------|---------|---------------------|------------------------------------------|-----------|----|-----------------------------------|-------|----|---------------------------------------|--------|----|---------------------------|-------|
| <table><tr><th>Charge Depleting Bag/Phase #</th><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>11</td><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>12</td><td>Drive Trace Absolute Speed Change Rating</td><td>-1.52</td></tr><tr><td>13</td><td>Drive Trace Energy Economy Rating</td><td>-1.46</td></tr><tr><td>14</td><td>Drive Trace Inertia Work Ratio Rating</td><td>-1.875</td></tr><tr><td>15</td><td>Manufacturer Fuel Economy</td><td>27.15</td></tr></table> |                                          |                              |               | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 11                       | Carbon-Related Exhaust Emissions | 0       | 12                  | Drive Trace Absolute Speed Change Rating | -1.52     | 13 | Drive Trace Energy Economy Rating | -1.46 | 14 | Drive Trace Inertia Work Ratio Rating | -1.875 | 15 | Manufacturer Fuel Economy | 27.15 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Test Result/Emission Name                | Unrounded Test Result        |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |        |    |                           |       |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Carbon-Related Exhaust Emissions         | 0                            |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |        |    |                           |       |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Drive Trace Absolute Speed Change Rating | -1.52                        |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |        |    |                           |       |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Drive Trace Energy Economy Rating        | -1.46                        |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |        |    |                           |       |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Drive Trace Inertia Work Ratio Rating    | -1.875                       |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |        |    |                           |       |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Manufacturer Fuel Economy                | 27.15                        |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |        |    |                           |       |
| Charge Depleting Bag/Phase                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |                              |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |        |    |                           |       |
| <table><tr><th>Charge Depleting Bag/Phase #</th><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>16</td><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>17</td><td>Drive Trace Absolute Speed Change Rating</td><td>0.13</td></tr><tr><td>18</td><td>Drive Trace Energy Economy Rating</td><td>-0.23</td></tr><tr><td>19</td><td>Drive Trace Inertia Work Ratio Rating</td><td>0.07</td></tr><tr><td>20</td><td>Manufacturer Fuel Economy</td><td>26.59</td></tr></table>    |                                          |                              |               | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 16                       | Carbon-Related Exhaust Emissions | 0       | 17                  | Drive Trace Absolute Speed Change Rating | 0.13      | 18 | Drive Trace Energy Economy Rating | -0.23 | 19 | Drive Trace Inertia Work Ratio Rating | 0.07   | 20 | Manufacturer Fuel Economy | 26.59 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Test Result/Emission Name                | Unrounded Test Result        |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |        |    |                           |       |
| 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Carbon-Related Exhaust Emissions         | 0                            |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |        |    |                           |       |
| 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Drive Trace Absolute Speed Change Rating | 0.13                         |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |        |    |                           |       |
| 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Drive Trace Energy Economy Rating        | -0.23                        |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |        |    |                           |       |
| 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Drive Trace Inertia Work Ratio Rating    | 0.07                         |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |        |    |                           |       |
| 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Manufacturer Fuel Economy                | 26.59                        |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |        |    |                           |       |
| Manufacturer Test Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                          |                              |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |        |    |                           |       |
| R1T - Drive Mode: All-Purpose with 21" Tires. Cycle 1: 289.01 Wh/mi, Cycle 2: 271.52 Wh/mi, Cycle 3: 266.54 Wh/mi, Cycle 4: 265.89 Wh/mi. MCT Energy: 127572.7 Wh                                                                                                                                                                                                                                                                                                                                                        |                                          |                              |               |                              |                           |                       |                          |                                  |         |                     |                                          |           |    |                                   |       |    |                                       |        |    |                           |       |
| Certification Region                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Useful Life                              | Standard Level               | Emission Name | Rounded Result               | RAF                       | NMOG/NM HC Ratio      | Diesel Adjustment Factor | Add DF                           | Mult DF | Certification Level | Standard                                 | Pass/Fail |    |                                   |       |    |                                       |        |    |                           |       |
| Fed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 150,000 miles                            | Federal Tier 3 Bin 0         | CREE          | 0                            | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |       |    |                                       |        |    |                           |       |
| Fed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 150,000 miles                            | Federal Tier 3 Bin 0         | CREE          | 0                            | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |       |    |                                       |        |    |                           |       |
| Fed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 150,000 miles                            | Federal Tier 3 Bin 0         | CREE          | 0                            | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |       |    |                                       |        |    |                           |       |
| Fed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 150,000 miles                            | Federal Tier 3 Bin 0         | CREE          | 0                            | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |       |    |                                       |        |    |                           |       |
| CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 120,000 miles                            | California ZEV               | CREE          | 0                            | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |       |    |                                       |        |    |                           |       |
| CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 120,000 miles                            | California ZEV               | CREE          | 0                            | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |       |    |                                       |        |    |                           |       |
| CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 120,000 miles                            | California ZEV               | CREE          | 0                            | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |       |    |                                       |        |    |                           |       |
| CA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 120,000 miles                            | California ZEV               | CREE          | 0                            | --                        | --                    | --                       | 0                                | --      | 0                   | --                                       | --        |    |                                   |       |    |                                       |        |    |                           |       |

## Certification Summary Information Report

| <b>Test Group</b>                                       | PRIVT00.0194                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <b>Evaporative/Refueling Family</b>           | --                                   |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------------|-----------------------|---|----------------------------------|---|---|------------------------------------------|-------|---|-----------------------------------|------|---|---------------------------------------|-------|----|---------------------------|-------|--|
| <b>Test #</b>                                           | <b>PRIV10077318</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Test Procedure</b>                         | <b>84 - Charge Depleting Highway</b> |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| <b>Exhaust Test # for this Evap Test</b>                | --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Test Fuel Type</b>                         | 62 - Electricity                     |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| <b>Test Date</b>                                        | 09/28/2022                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Fuel</b>                                   | Electricity                          |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| <b>Fuel Batch ID</b>                                    | --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Fuel Calibration Number</b>                | --                                   |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| <b>Vehicle Class</b>                                    | MDPV (Federal Tier 2, GVWR 8501-10000)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>DF Type</b>                                | EPA Assigned                         |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| <b>Verify Test Lab ID</b>                               | FEV Michigan                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                               |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| <b>E10 Evaporative Test Measurement Method</b>          | --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                               |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| <b>Test Start Odometer Reading</b>                      | 4678                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <b>Odometer Units</b>                         | M                                    |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| <b>4WD Test Dyno</b>                                    | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Diesel Adjustment Factor Usage</b>         | --                                   |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| <b>State of Charge Delta</b>                            | Yes                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                               |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| <b>Drive Cycle Speed Tolerance Criteria</b>             | Used Part 86 (+/- 2 mph, +/- 1 sec)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Road Speed Fan Usage</b>                   | Yes                                  |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| <b>PHEV/EV Charge Depleting Test Information</b>        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                               |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| <b>Recharge Event Voltage</b>                           | 240                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>Recharge Event Energy (kiloWatt-hours)</b> | 148.67                               |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| <b>Charge Depleting Range (Calculated miles)</b>        | 401.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Charge Depleting Range (Actual miles)</b>  | 401.9                                |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| <b>All Electric Range Unadjusted (miles)</b>            | --                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>Derived 5-Cycle Coefficient Model Year</b> | --                                   |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| <b>Equivalent All Electric Range (miles)</b>            | 401.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                               |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| <b>Number of Charge Depleting Bags/Phases Conducted</b> | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Transition Bag/Phase Number</b>            | --                                   |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| <b>Charge Depleting Bag/Phase</b>                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                               |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
|                                                         | <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>2</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>4.96</td> </tr> <tr> <td>3</td> <td>Drive Trace Energy Economy Rating</td> <td>1.06</td> </tr> <tr> <td>4</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>4.79</td> </tr> <tr> <td>5</td> <td>Manufacturer Fuel Economy</td> <td>31.3</td> </tr> </tbody> </table>     | Charge Depleting Bag/Phase #                  | Test Result/Emission Name            | Unrounded Test Result | 1 | Carbon-Related Exhaust Emissions | 0 | 2 | Drive Trace Absolute Speed Change Rating | 4.96  | 3 | Drive Trace Energy Economy Rating | 1.06 | 4 | Drive Trace Inertia Work Ratio Rating | 4.79  | 5  | Manufacturer Fuel Economy | 31.3  |  |
| Charge Depleting Bag/Phase #                            | Test Result/Emission Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Unrounded Test Result                         |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| 1                                                       | Carbon-Related Exhaust Emissions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0                                             |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| 2                                                       | Drive Trace Absolute Speed Change Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 4.96                                          |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| 3                                                       | Drive Trace Energy Economy Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 1.06                                          |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| 4                                                       | Drive Trace Inertia Work Ratio Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 4.79                                          |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| 5                                                       | Manufacturer Fuel Economy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 31.3                                          |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| <b>Charge Depleting Bag/Phase</b>                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                               |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
|                                                         | <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>7</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>-0.27</td> </tr> <tr> <td>8</td> <td>Drive Trace Energy Economy Rating</td> <td>0.53</td> </tr> <tr> <td>9</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-0.54</td> </tr> <tr> <td>10</td> <td>Manufacturer Fuel Economy</td> <td>32.19</td> </tr> </tbody> </table> | Charge Depleting Bag/Phase #                  | Test Result/Emission Name            | Unrounded Test Result | 6 | Carbon-Related Exhaust Emissions | 0 | 7 | Drive Trace Absolute Speed Change Rating | -0.27 | 8 | Drive Trace Energy Economy Rating | 0.53 | 9 | Drive Trace Inertia Work Ratio Rating | -0.54 | 10 | Manufacturer Fuel Economy | 32.19 |  |
| Charge Depleting Bag/Phase #                            | Test Result/Emission Name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Unrounded Test Result                         |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| 6                                                       | Carbon-Related Exhaust Emissions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 0                                             |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| 7                                                       | Drive Trace Absolute Speed Change Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -0.27                                         |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| 8                                                       | Drive Trace Energy Economy Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.53                                          |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| 9                                                       | Drive Trace Inertia Work Ratio Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -0.54                                         |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| 10                                                      | Manufacturer Fuel Economy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 32.19                                         |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |
| <b>Manufacturer Test Comments</b>                       | R1T - Drive Mode: All-Purpose with 21" Tires. Cycle 1: 321.86 Wh/mi, Cycle 2: 312.98 Wh/mi. MCT Energy: 127572.7 Wh                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                               |                                      |                       |   |                                  |   |   |                                          |       |   |                                   |      |   |                                       |       |    |                           |       |  |

## Certification Summary Information Report

| Test Group           |               | PRIVT00.0194         |               |                |     | Evaporative/Refueling Family |                          |        |         | --                  |          |           |
|----------------------|---------------|----------------------|---------------|----------------|-----|------------------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| Certification Region | Useful Life   | Standard Level       | Emission Name | Rounded Result | RAF | NMOG/NM HC Ratio             | Diesel Adjustment Factor | Add DF | Mult DF | Certification Level | Standard | Pass/Fail |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --  | --                           | --                       | 0      | --      | 0                   | --       | --        |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --  | --                           | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0              | --  | --                           | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0              | --  | --                           | --                       | 0      | --      | 0                   | --       | --        |

## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PRIVT00.0194                             | <b>Evaporative/Refueling Family</b>           | --                                           |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----------------------------------------------|----------------------------------------------|------------------------------|---------------------------|-----------------------|---|----------------------------------|---|---|------------------------------------------|------|---|-----------------------------------|-------|---|---------------------------------------|------|----|---------------------------|-------|
| <b>Test #</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <b>PRIV10077331</b>                      | <b>Test Procedure</b>                         | <b>86 - Charge Depleting 20 Degree F FTP</b> |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | --                                       | <b>Test Fuel Type</b>                         | 62 - Electricity                             |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Test Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 09/15/2022                               | <b>Fuel</b>                                   | N/A                                          |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Fuel Batch ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | --                                       | <b>Fuel Calibration Number</b>                | --                                           |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Vehicle Class</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | N/A                                      | <b>DF Type</b>                                | EPA Assigned                                 |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Verify Test Lab ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FEV Michigan                             |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | --                                       |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 3683                                     | <b>Odometer Units</b>                         | M                                            |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>4WD Test Dyno</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Yes                                      | <b>Diesel Adjustment Factor Usage</b>         | --                                           |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>State of Charge Delta</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Yes                                      |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Drive Cycle Speed Tolerance Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Used Part 86 (+/- 2 mph, +/- 1 sec)      | <b>Road Speed Fan Usage</b>                   | Yes                                          |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>PHEV/EV Charge Depleting Test Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                          |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Recharge Event Voltage</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 240                                      | <b>Recharge Event Energy (kiloWatt-hours)</b> | 148.67                                       |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Charge Depleting Range (Calculated miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 111.65                                   | <b>Charge Depleting Range (Actual miles)</b>  | 111.65                                       |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>All Electric Range Unadjusted (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | --                                       | <b>Derived 5-Cycle Coefficient Model Year</b> | --                                           |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Equivalent All Electric Range (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 111.65                                   |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Number of Charge Depleting Bags/Phases Conducted</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 3                                        | <b>Transition Bag/Phase Number</b>            | --                                           |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                          |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
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| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Test Result/Emission Name                | Unrounded Test Result                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Carbon-Related Exhaust Emissions         | 0                                             |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Drive Trace Absolute Speed Change Rating | 0.42                                          |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Drive Trace Energy Economy Rating        | -0.14                                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Drive Trace Inertia Work Ratio Rating    | 0.06                                          |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Manufacturer Fuel Economy                | 69.54                                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                          |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>7</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>0.09</td> </tr> <tr> <td>8</td> <td>Drive Trace Energy Economy Rating</td> <td>-0.13</td> </tr> <tr> <td>9</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>0.04</td> </tr> <tr> <td>10</td> <td>Manufacturer Fuel Economy</td> <td>44.39</td> </tr> </tbody> </table> |                                          |                                               |                                              | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 6 | Carbon-Related Exhaust Emissions | 0 | 7 | Drive Trace Absolute Speed Change Rating | 0.09 | 8 | Drive Trace Energy Economy Rating | -0.13 | 9 | Drive Trace Inertia Work Ratio Rating | 0.04 | 10 | Manufacturer Fuel Economy | 44.39 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Test Result/Emission Name                | Unrounded Test Result                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Carbon-Related Exhaust Emissions         | 0                                             |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Drive Trace Absolute Speed Change Rating | 0.09                                          |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Drive Trace Energy Economy Rating        | -0.13                                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Drive Trace Inertia Work Ratio Rating    | 0.04                                          |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Manufacturer Fuel Economy                | 44.39                                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                          |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |       |   |                                       |      |    |                           |       |

## Certification Summary Information Report

| Test Group                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PRIVT00.0194                                                                                                 | Evaporative/Refueling Family | -- |                              |                           |                       |    |                                  |   |    |                                          |     |    |                                   |       |    |                                       |      |    |                           |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------|----|------------------------------|---------------------------|-----------------------|----|----------------------------------|---|----|------------------------------------------|-----|----|-----------------------------------|-------|----|---------------------------------------|------|----|---------------------------|-------|
| <table><tr><th>Charge Depleting Bag/Phase #</th><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>11</td><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>12</td><td>Drive Trace Absolute Speed Change Rating</td><td>0.5</td></tr><tr><td>13</td><td>Drive Trace Energy Economy Rating</td><td>-0.17</td></tr><tr><td>14</td><td>Drive Trace Inertia Work Ratio Rating</td><td>0.27</td></tr><tr><td>15</td><td>Manufacturer Fuel Economy</td><td>52.03</td></tr></table> |                                                                                                              |                              |    | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 11 | Carbon-Related Exhaust Emissions | 0 | 12 | Drive Trace Absolute Speed Change Rating | 0.5 | 13 | Drive Trace Energy Economy Rating | -0.17 | 14 | Drive Trace Inertia Work Ratio Rating | 0.27 | 15 | Manufacturer Fuel Economy | 52.03 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Test Result/Emission Name                                                                                    | Unrounded Test Result        |    |                              |                           |                       |    |                                  |   |    |                                          |     |    |                                   |       |    |                                       |      |    |                           |       |
| 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Carbon-Related Exhaust Emissions                                                                             | 0                            |    |                              |                           |                       |    |                                  |   |    |                                          |     |    |                                   |       |    |                                       |      |    |                           |       |
| 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Drive Trace Absolute Speed Change Rating                                                                     | 0.5                          |    |                              |                           |                       |    |                                  |   |    |                                          |     |    |                                   |       |    |                                       |      |    |                           |       |
| 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Drive Trace Energy Economy Rating                                                                            | -0.17                        |    |                              |                           |                       |    |                                  |   |    |                                          |     |    |                                   |       |    |                                       |      |    |                           |       |
| 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Drive Trace Inertia Work Ratio Rating                                                                        | 0.27                         |    |                              |                           |                       |    |                                  |   |    |                                          |     |    |                                   |       |    |                                       |      |    |                           |       |
| 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Manufacturer Fuel Economy                                                                                    | 52.03                        |    |                              |                           |                       |    |                                  |   |    |                                          |     |    |                                   |       |    |                                       |      |    |                           |       |
| Manufacturer Test Comments                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | R1T - Drive Mode: All-Purpose with 21" Tires. Cycle 1: 695.37 Wh/mi, Cycle 3: 520.30 Wh/mi, CD: 443.92 Wh/mi |                              |    |                              |                           |                       |    |                                  |   |    |                                          |     |    |                                   |       |    |                                       |      |    |                           |       |

## Certification Summary Information Report

| <b>Test Group</b>                            | PRIVT00.0194                                                                                                                                                                                                    | <b>Evaporative/Refueling Family</b>                   | --                      |      |   |                |             |  |
|----------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------|------|---|----------------|-------------|--|
| <b>Emission Data Vehicle Information</b>     |                                                                                                                                                                                                                 |                                                       |                         |      |   |                |             |  |
| <b>Vehicle ID / Configuration</b>            | R1T3804R21C / 0                                                                                                                                                                                                 | <b>Manufacturer Vehicle Configuration Number</b>      | 0                       |      |   |                |             |  |
| <b>Original Test Group Name</b>              | PRIVT00.0194                                                                                                                                                                                                    | <b>Original Evaporative/Refueling Family</b>          | --                      |      |   |                |             |  |
| <b>Original Test Vehicle Model Year</b>      | 2023                                                                                                                                                                                                            |                                                       |                         |      |   |                |             |  |
| <b>Vehicle Model</b>                         |                                                                                                                                                                                                                 |                                                       |                         |      |   |                |             |  |
| <b>Represented Test Vehicle Make</b>         | Rivian                                                                                                                                                                                                          | <b>Represented Test Vehicle Model</b>                 | R1T 21                  |      |   |                |             |  |
| <b>Leak Family Details</b>                   |                                                                                                                                                                                                                 |                                                       |                         |      |   |                |             |  |
| <b>Leak Family Identifier</b>                | --                                                                                                                                                                                                              | <b>Leak Family Name</b>                               | --                      |      |   |                |             |  |
| <b>Drive Sources and Fuel System Details</b> |                                                                                                                                                                                                                 |                                                       |                         |      |   |                |             |  |
|                                              | <table border="1"> <thead> <tr> <th>Drive Source and Fuel#</th> <th>Drive Source</th> <th>Fuel</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Electric Motor</td> <td>Electricity</td> </tr> </tbody> </table> | Drive Source and Fuel#                                | Drive Source            | Fuel | 1 | Electric Motor | Electricity |  |
| Drive Source and Fuel#                       | Drive Source                                                                                                                                                                                                    | Fuel                                                  |                         |      |   |                |             |  |
| 1                                            | Electric Motor                                                                                                                                                                                                  | Electricity                                           |                         |      |   |                |             |  |
| <b>Hybrid Indicator</b>                      | No                                                                                                                                                                                                              | <b>Multiple Fuel Combustion</b>                       | --                      |      |   |                |             |  |
| <b>Multiple Fuel Storage</b>                 | --                                                                                                                                                                                                              | <b>Rechargeable Energy Storage System Indicator</b>   | Yes                     |      |   |                |             |  |
| <b>Fuel Cell Indicator</b>                   | No                                                                                                                                                                                                              | <b>Rechargeable Energy Storage System, if 'Other'</b> | --                      |      |   |                |             |  |
| <b>Rechargeable Energy Storage System</b>    | Battery(s)                                                                                                                                                                                                      |                                                       |                         |      |   |                |             |  |
| <b>Off-board charge Capable Indicator</b>    | Yes                                                                                                                                                                                                             | <b>Odometer Correction Factor</b>                     | 1                       |      |   |                |             |  |
| <b>Odometer Correction -- Initial</b>        | 1                                                                                                                                                                                                               |                                                       |                         |      |   |                |             |  |
| <b>Odometer Correction Sign</b>              | + = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles                                                                                                                 |                                                       |                         |      |   |                |             |  |
| <b>Odometer Correction Units</b>             | Miles                                                                                                                                                                                                           |                                                       |                         |      |   |                |             |  |
| <b>Engine Code</b>                           | 132X2110X2OS                                                                                                                                                                                                    | <b>Rated Horsepower</b>                               | 872                     |      |   |                |             |  |
| <b>Displacement (liters)</b>                 | 99.999                                                                                                                                                                                                          | <b>Air Aspiration Method, if 'Other'</b>              | Electric                |      |   |                |             |  |
| <b>Air Aspiration Method</b>                 | Naturally Aspirated                                                                                                                                                                                             | <b>Air Aspiration Device Configuration</b>            | --                      |      |   |                |             |  |
| <b>Number of Air Aspiration Devices</b>      | --                                                                                                                                                                                                              | <b>Drive Mode While Testing</b>                       | Part-time 4-Wheel Drive |      |   |                |             |  |
| <b>Charge Air Cooler Type</b>                | --                                                                                                                                                                                                              | <b>Aged Emission Components</b>                       | 4,000 (mi)              |      |   |                |             |  |
| <b>Shift Indicator Light Usage</b>           | Not equipped                                                                                                                                                                                                    | <b>Equivalent Test Weight (pounds)</b>                | 7000                    |      |   |                |             |  |
| <b>Curb Weight (lbs)</b>                     | 6916                                                                                                                                                                                                            | <b>N/V Ratio</b>                                      | 999.9                   |      |   |                |             |  |
| <b>GVWR (lbs)</b>                            | --                                                                                                                                                                                                              |                                                       |                         |      |   |                |             |  |
| <b>Axle Ratio</b>                            | 9.99                                                                                                                                                                                                            | <b># of Transmission Gears</b>                        | 1                       |      |   |                |             |  |
| <b>Transmission Type</b>                     | Automatic                                                                                                                                                                                                       | <b>Creep Gear</b>                                     | No                      |      |   |                |             |  |
| <b>Transmission Lockup</b>                   | No                                                                                                                                                                                                              |                                                       |                         |      |   |                |             |  |

## Certification Summary Information Report

|                   |              |                                     |    |
|-------------------|--------------|-------------------------------------|----|
| <b>Test Group</b> | PRIVT00.0194 | <b>Evaporative/Refueling Family</b> | -- |
|-------------------|--------------|-------------------------------------|----|

  

**Dynamometer Coefficients:**

| Coefficient Category | Target Coefficients |             |                | Set Coefficients |             |                | EPA Calculated Total Road Load Horse Power for City/Highway/Evap Coefficients |
|----------------------|---------------------|-------------|----------------|------------------|-------------|----------------|-------------------------------------------------------------------------------|
|                      | A (lbf)             | B (lbf/mph) | C (lbf/mph**2) | A (lbf)          | B (lbf/mph) | C (lbf/mph**2) |                                                                               |
| City/Highway/Evap    | 48.14               | 0.2372      | 0.02461        | -10.16           | 0.3177      | 0.02092        | 16.2                                                                          |
| Cold CO              | 52.95               | 0.2609      | 0.02707        | -13.38           | 0.0726      | 0.02454        | N/A                                                                           |
| US06                 | 48.14               | 0.2372      | 0.02461        | -10.16           | 0.3177      | 0.02092        | N/A                                                                           |

  

|                                           |                                                                                                                                                |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Emission Control Device Comments</b>   | Battery Electric Vehicle                                                                                                                       |
| <b>Manufacturer Test Vehicle Comments</b> | N/V Ratio and Axle Ratio entered above are placeholders Actual values: N/V Ratio: 128.75, Axle Ratio: 12.6:1 Conserve drive mode configuration |

## Certification Summary Information Report

|                                                |                                        |                                       |                                             |
|------------------------------------------------|----------------------------------------|---------------------------------------|---------------------------------------------|
| <b>Test Group</b>                              | PRIVT00.0194                           | <b>Evaporative/Refueling Family</b>   | --                                          |
| <b>Test #</b>                                  | <b>PRIV10077325</b>                    | <b>Test Procedure</b>                 | <b>2 - CVS 75 and later (w/o can. load)</b> |
| <b>Exhaust Test # for this Evap Test</b>       | --                                     | <b>Test Fuel Type</b>                 | 62 - Electricity                            |
| <b>Test Date</b>                               | 09/10/2022                             | <b>Fuel</b>                           | Electricity                                 |
| <b>Fuel Batch ID</b>                           | --                                     | <b>Fuel Calibration Number</b>        | --                                          |
| <b>Vehicle Class</b>                           | MDPV (Federal Tier 2, GVWR 8501-10000) | <b>DF Type</b>                        | EPA Assigned                                |
| <b>Verify Test Lab ID</b>                      | FEV Michigan                           |                                       |                                             |
| <b>E10 Evaporative Test Measurement Method</b> | --                                     |                                       |                                             |
| <b>Test Start Odometer Reading</b>             | 3553                                   | <b>Odometer Units</b>                 | M                                           |
| <b>4WD Test Dyno</b>                           | Yes                                    | <b>Diesel Adjustment Factor Usage</b> | --                                          |
| <b>State of Charge Delta</b>                   | Yes                                    |                                       |                                             |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 86 (+/- 2 mph, +/- 1 sec)    | <b>Road Speed Fan Usage</b>           | Yes                                         |

## Test Results

| Test Result Name                                   | Unrounded Test Result | Verify Calculated FE Equivalent Value<br>(kilowatt-hour per 100 miles) |
|----------------------------------------------------|-----------------------|------------------------------------------------------------------------|
| METHANE (CH4 - Methane)                            | 0                     | --                                                                     |
| CO (Carbon Monoxide)                               | 0                     | --                                                                     |
| DT-ASCR (Drive Trace Absolute Speed Change Rating) | -0.79                 | --                                                                     |
| DT-EER (Drive Trace Energy Economy Rating)         | -0.74                 | --                                                                     |
| DT-IWRR (Drive Trace Inertia Work Ratio Rating)    | -1.06                 | --                                                                     |
| MFR FE (Manufacturer Fuel Economy)                 | 25.7                  | 131.1284047                                                            |
| NOX (Nitrogen Oxide)                               | 0                     | --                                                                     |
| N2O (Nitrous Oxide)                                | 0                     | --                                                                     |
| HC-NM (Non-methane Hydrocarbon)                    | 0                     | --                                                                     |
| NMOG (Non-methane organic gases)                   | 0                     | --                                                                     |

| Test Result Name                          | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|-------------------------------------------|-----------------------|---------------------------------|
| Carbon-Related Exhaust Emissions          | 0                     | 0                               |
| Optional Carbon-Related Exhaust Emissions | 0                     | 0                               |

| Test Result Name | Unrounded Test Result | Verify Calculated CO2 |
|------------------|-----------------------|-----------------------|
| Carbon dioxide   | 0                     | --                    |

**Manufacturer Test Comments** R1T - Drive Mode: Conserve with 21" Tires. Cycle 1: 285.36 Wh/mi, Cycle 2: 233.51 Wh/mi, Cycle 3: 275.96 Wh/mi, Cycle 4: 233.06 Wh/mi.

## Certification Summary Information Report

| Test Group                                                                                                              |               | PRIVT00.0194         |               |                | Evaporative/Refueling Family |                  |                          |        |         | --                  |          |           |
|-------------------------------------------------------------------------------------------------------------------------|---------------|----------------------|---------------|----------------|------------------------------|------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| Certification Region                                                                                                    | Useful Life   | Standard Level       | Emission Name | Rounded Result | RAF                          | NMOG/NM HC Ratio | Diesel Adjustment Factor | Add DF | Mult DF | Certification Level | Standard | Pass/Fail |
| Fed                                                                                                                     | 150,000 miles | Federal Tier 3 Bin 0 | CO            | 0              | --                           | --               | --                       | 0      | --      | 0                   | 0        | Pass      |
| Fed                                                                                                                     | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |
| CA                                                                                                                      | 120,000 miles | California ZEV       | CO            | 0              | --                           | --               | --                       | 0      | --      | 0                   | 0        | Pass      |
| CA                                                                                                                      | 120,000 miles | California ZEV       | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |
| NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values. |               |                      |               |                |                              |                  |                          |        |         |                     |          |           |

## Certification Summary Information Report

|                                                |                                        |                                       |                  |
|------------------------------------------------|----------------------------------------|---------------------------------------|------------------|
| <b>Test Group</b>                              | PRIVT00.0194                           | <b>Evaporative/Refueling Family</b>   | --               |
| <b>Test #</b>                                  | <b>PRIV10077327</b>                    | <b>Test Procedure</b>                 | <b>3 - HWFE</b>  |
| <b>Exhaust Test # for this Evap Test</b>       | --                                     | <b>Test Fuel Type</b>                 | 62 - Electricity |
| <b>Test Date</b>                               | 09/10/2022                             | <b>Fuel</b>                           | Electricity      |
| <b>Fuel Batch ID</b>                           | --                                     | <b>Fuel Calibration Number</b>        | --               |
| <b>Vehicle Class</b>                           | MDPV (Federal Tier 2, GVWR 8501-10000) | <b>DF Type</b>                        | EPA Assigned     |
| <b>Verify Test Lab ID</b>                      | FEV Michigan                           |                                       |                  |
| <b>E10 Evaporative Test Measurement Method</b> | --                                     |                                       |                  |
| <b>Test Start Odometer Reading</b>             | 3553                                   | <b>Odometer Units</b>                 | M                |
| <b>4WD Test Dyno</b>                           | Yes                                    | <b>Diesel Adjustment Factor Usage</b> | --               |
| <b>State of Charge Delta</b>                   | Yes                                    |                                       |                  |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 86 (+/- 2 mph, +/- 1 sec)    | <b>Road Speed Fan Usage</b>           | Yes              |

## Test Results

| Test Result Name                                   | Unrounded Test Result | Verify Calculated FE Equivalent Value<br>(kilowatt-hour per 100 miles) |
|----------------------------------------------------|-----------------------|------------------------------------------------------------------------|
| METHANE (CH4 - Methane)                            | 0                     | --                                                                     |
| CO (Carbon Monoxide)                               | 0                     | --                                                                     |
| DT-ASCR (Drive Trace Absolute Speed Change Rating) | -0.64                 | --                                                                     |
| DT-EER (Drive Trace Energy Economy Rating)         | -0.32                 | --                                                                     |
| DT-IWRR (Drive Trace Inertia Work Ratio Rating)    | -0.9                  | --                                                                     |
| MFR FE (Manufacturer Fuel Economy)                 | 28.21                 | 119.461184                                                             |
| NOX (Nitrogen Oxide)                               | 0                     | --                                                                     |
| N2O (Nitrous Oxide)                                | 0                     | --                                                                     |
| HC-NM (Non-methane Hydrocarbon)                    | 0                     | --                                                                     |
| NMOG (Non-methane organic gases)                   | 0                     | --                                                                     |

| Test Result Name                          | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|-------------------------------------------|-----------------------|---------------------------------|
| Carbon-Related Exhaust Emissions          | 0                     | 0                               |
| Optional Carbon-Related Exhaust Emissions | 0                     | 0                               |

| Test Result Name | Unrounded Test Result | Verify Calculated CO2 |
|------------------|-----------------------|-----------------------|
| Carbon dioxide   | 0                     | --                    |

## Manufacturer Test Comments

R1T - Drive Mode: Conserve with 21" Tires. Cycle 1: 282.10 Wh/mi

## Certification Summary Information Report

| Test Group           |               | PRIVT00.0194         |               |                | Evaporative/Refueling Family |                  |                          |        |         | --                  |          |           |
|----------------------|---------------|----------------------|---------------|----------------|------------------------------|------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| Certification Region | Useful Life   | Standard Level       | Emission Name | Rounded Result | RAF                          | NMOG/NM HC Ratio | Diesel Adjustment Factor | Add DF | Mult DF | Certification Level | Standard | Pass/Fail |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CO            | 0              | --                           | --               | --                       | 0      | --      | 0                   | 0        | Pass      |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CO            | 0              | --                           | --               | --                       | 0      | --      | 0                   | 0        | Pass      |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |

**NOTE: For Non-charge depleting tests, the Rounded Result for CREE/OPT-CREE Emission names are Verify-calculated values.**

## Certification Summary Information Report

|                                                |                                     |                                       |                  |
|------------------------------------------------|-------------------------------------|---------------------------------------|------------------|
| <b>Test Group</b>                              | PRIVT00.0194                        | <b>Evaporative/Refueling Family</b>   | --               |
| <b>Test #</b>                                  | <b>PRIV10077329</b>                 | <b>Test Procedure</b>                 | <b>90 - US06</b> |
| <b>Exhaust Test # for this Evap Test</b>       | --                                  | <b>Test Fuel Type</b>                 | 62 - Electricity |
| <b>Test Date</b>                               | 09/10/2022                          | <b>Fuel</b>                           | N/A              |
| <b>Fuel Batch ID</b>                           | --                                  | <b>Fuel Calibration Number</b>        | --               |
| <b>Vehicle Class</b>                           | N/A                                 | <b>DF Type</b>                        | EPA Assigned     |
| <b>Verify Test Lab ID</b>                      | FEV Michigan                        |                                       |                  |
| <b>E10 Evaporative Test Measurement Method</b> | --                                  |                                       |                  |
| <b>Test Start Odometer Reading</b>             | 3579                                | <b>Odometer Units</b>                 | M                |
| <b>4WD Test Dyno</b>                           | Yes                                 | <b>Diesel Adjustment Factor Usage</b> | --               |
| <b>State of Charge Delta</b>                   | Yes                                 |                                       |                  |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 86 (+/- 2 mph, +/- 1 sec) | <b>Road Speed Fan Usage</b>           | Yes              |

## Test Results

| Test Result Name                                          | Unrounded Test Result | Verify Calculated FE Equivalent Value<br>(kilowatt-hour per 100 miles) |
|-----------------------------------------------------------|-----------------------|------------------------------------------------------------------------|
| <b>METHANE (CH4 - Methane)</b>                            | 0                     | --                                                                     |
| <b>CO (Carbon Monoxide)</b>                               | 0                     | --                                                                     |
| <b>DT-ASCR (Drive Trace Absolute Speed Change Rating)</b> | -4.02                 | --                                                                     |
| <b>DT-EER (Drive Trace Energy Economy Rating)</b>         | -2.5                  | --                                                                     |
| <b>DT-IWRR (Drive Trace Inertia Work Ratio Rating)</b>    | -8.15                 | --                                                                     |
| <b>MFR FE (Manufacturer Fuel Economy)</b>                 | 37.96                 | 88.7776607                                                             |
| <b>NOX (Nitrogen Oxide)</b>                               | 0                     | --                                                                     |
| <b>N2O (Nitrous Oxide)</b>                                | 0                     | --                                                                     |
| <b>HC-NM (Non-methane Hydrocarbon)</b>                    | 0                     | --                                                                     |
| <b>NMOG (Non-methane organic gases)</b>                   | 0                     | --                                                                     |

| Test Result Name                                 | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|--------------------------------------------------|-----------------------|---------------------------------|
| <b>Carbon-Related Exhaust Emissions</b>          | 0                     | --                              |
| <b>Optional Carbon-Related Exhaust Emissions</b> | 0                     | --                              |

| Test Result Name      | Unrounded Test Result | Verify Calculated CO2 |
|-----------------------|-----------------------|-----------------------|
| <b>Carbon dioxide</b> | 0                     | --                    |

## Manufacturer Test Comments

R1T - Drive Mode: Conserve with 21" Tires. Cycle 1 (City1): 359.75 Wh/mi, Cycle 2 (HWY): 374.53 Wh/mi, Cycle 3 (City2): 494.80 Wh/mi

## Certification Summary Information Report

|                                                |                                     |                                       |                  |
|------------------------------------------------|-------------------------------------|---------------------------------------|------------------|
| <b>Test Group</b>                              | PRIVT00.0194                        | <b>Evaporative/Refueling Family</b>   | --               |
| <b>Test #</b>                                  | <b>PRIV10077330</b>                 | <b>Test Procedure</b>                 | <b>95 - SC03</b> |
| <b>Exhaust Test # for this Evap Test</b>       | --                                  | <b>Test Fuel Type</b>                 | 62 - Electricity |
| <b>Test Date</b>                               | 09/12/2022                          | <b>Fuel</b>                           | N/A              |
| <b>Fuel Batch ID</b>                           | --                                  | <b>Fuel Calibration Number</b>        | --               |
| <b>Vehicle Class</b>                           | N/A                                 | <b>DF Type</b>                        | EPA Assigned     |
| <b>Verify Test Lab ID</b>                      | FEV Michigan                        |                                       |                  |
| <b>E10 Evaporative Test Measurement Method</b> | --                                  |                                       |                  |
| <b>Test Start Odometer Reading</b>             | 3636                                | <b>Odometer Units</b>                 | M                |
| <b>4WD Test Dyno</b>                           | Yes                                 | <b>Diesel Adjustment Factor Usage</b> | --               |
| <b>State of Charge Delta</b>                   | Yes                                 |                                       |                  |
| <b>Drive Cycle Speed Tolerance Criteria</b>    | Used Part 86 (+/- 2 mph, +/- 1 sec) | <b>Road Speed Fan Usage</b>           | Yes              |

## Test Results

| Test Result Name                                   | Unrounded Test Result | Verify Calculated FE Equivalent Value<br>(kilowatt-hour per 100 miles) |
|----------------------------------------------------|-----------------------|------------------------------------------------------------------------|
| METHANE (CH4 - Methane)                            | 0                     | --                                                                     |
| CO (Carbon Monoxide)                               | 0                     | --                                                                     |
| DT-ASCR (Drive Trace Absolute Speed Change Rating) | -0.34                 | --                                                                     |
| DT-EER (Drive Trace Energy Economy Rating)         | -0.28                 | --                                                                     |
| DT-IWRR (Drive Trace Inertia Work Ratio Rating)    | -1.25                 | --                                                                     |
| MFR FE (Manufacturer Fuel Economy)                 | 29.41                 | 114.5868752                                                            |
| NOX (Nitrogen Oxide)                               | 0                     | --                                                                     |
| N2O (Nitrous Oxide)                                | 0                     | --                                                                     |
| HC-NM (Non-methane Hydrocarbon)                    | 0                     | --                                                                     |
| NMOG (Non-methane organic gases)                   | 0                     | --                                                                     |

| Test Result Name                          | Unrounded Test Result | Verify Calculated CREE/OPT-CREE |
|-------------------------------------------|-----------------------|---------------------------------|
| Carbon-Related Exhaust Emissions          | 0                     | --                              |
| Optional Carbon-Related Exhaust Emissions | 0                     | --                              |

| Test Result Name | Unrounded Test Result | Verify Calculated CO2 |
|------------------|-----------------------|-----------------------|
| Carbon dioxide   | 0                     | --                    |

## Manufacturer Test Comments

R1T - Drive Mode: Conserve with 21" Tires. Cycle 1: 294.06 Wh/mi

## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PRIVT00.0194                             | <b>Evaporative/Refueling Family</b>           | --                                |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
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| <b>Test #</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>PRIV10077319</b>                      | <b>Test Procedure</b>                         | <b>81 - Charge Depleting UDDS</b> |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | --                                       | <b>Test Fuel Type</b>                         | 62 - Electricity                  |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Test Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 09/27/2022                               | <b>Fuel</b>                                   | Electricity                       |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Fuel Batch ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | --                                       | <b>Fuel Calibration Number</b>                | --                                |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Vehicle Class</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MDPV (Federal Tier 2, GVWR 8501-10000)   | <b>DF Type</b>                                | EPA Assigned                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Verify Test Lab ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FEV Michigan                             |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | --                                       |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 4303                                     | <b>Odometer Units</b>                         | M                                 |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>4WD Test Dyno</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Yes                                      | <b>Diesel Adjustment Factor Usage</b>         | --                                |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>State of Charge Delta</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Yes                                      |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Drive Cycle Speed Tolerance Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Used Part 86 (+/- 2 mph, +/- 1 sec)      | <b>Road Speed Fan Usage</b>                   | Yes                               |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>PHEV/EV Charge Depleting Test Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Recharge Event Voltage</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 240                                      | <b>Recharge Event Energy (kiloWatt-hours)</b> | 148.1                             |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Range (Calculated miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 502.59                                   | <b>Charge Depleting Range (Actual miles)</b>  | 502.59                            |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>All Electric Range Unadjusted (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | --                                       | <b>Derived 5-Cycle Coefficient Model Year</b> | --                                |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Equivalent All Electric Range (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 502.59                                   |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Number of Charge Depleting Bags/Phases Conducted</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 4                                        | <b>Transition Bag/Phase Number</b>            | --                                |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>2</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>1.44</td> </tr> <tr> <td>3</td> <td>Drive Trace Energy Economy Rating</td> <td>0.63</td> </tr> <tr> <td>4</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>1.81</td> </tr> <tr> <td>5</td> <td>Manufacturer Fuel Economy</td> <td>27.08</td> </tr> </tbody> </table>  |                                          |                                               |                                   | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 1 | Carbon-Related Exhaust Emissions | 0 | 2 | Drive Trace Absolute Speed Change Rating | 1.44 | 3 | Drive Trace Energy Economy Rating | 0.63 | 4 | Drive Trace Inertia Work Ratio Rating | 1.81 | 5  | Manufacturer Fuel Economy | 27.08 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Test Result/Emission Name                | Unrounded Test Result                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Carbon-Related Exhaust Emissions         | 0                                             |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Absolute Speed Change Rating | 1.44                                          |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Energy Economy Rating        | 0.63                                          |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Inertia Work Ratio Rating    | 1.81                                          |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Manufacturer Fuel Economy                | 27.08                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>7</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>1.39</td> </tr> <tr> <td>8</td> <td>Drive Trace Energy Economy Rating</td> <td>1.08</td> </tr> <tr> <td>9</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>1.71</td> </tr> <tr> <td>10</td> <td>Manufacturer Fuel Economy</td> <td>24.77</td> </tr> </tbody> </table> |                                          |                                               |                                   | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 6 | Carbon-Related Exhaust Emissions | 0 | 7 | Drive Trace Absolute Speed Change Rating | 1.39 | 8 | Drive Trace Energy Economy Rating | 1.08 | 9 | Drive Trace Inertia Work Ratio Rating | 1.71 | 10 | Manufacturer Fuel Economy | 24.77 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Test Result/Emission Name                | Unrounded Test Result                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Carbon-Related Exhaust Emissions         | 0                                             |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Absolute Speed Change Rating | 1.39                                          |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Energy Economy Rating        | 1.08                                          |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Drive Trace Inertia Work Ratio Rating    | 1.71                                          |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Manufacturer Fuel Economy                | 24.77                                         |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                          |                                               |                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |

## Certification Summary Information Report

| Test Group |  | PRIVT00.0194 |  | Evaporative/Refueling Family |  | -- |  |
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## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | PRIVT00.0194                                                                                                     | <b>Evaporative/Refueling Family</b>           | --                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|--------------------------------------|------------------------------|---------------------------|-----------------------|---|----------------------------------|---|---|------------------------------------------|------|---|-----------------------------------|------|---|---------------------------------------|------|----|---------------------------|-------|
| <b>Test #</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>PRIV10077320</b>                                                                                              | <b>Test Procedure</b>                         | <b>84 - Charge Depleting Highway</b> |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | --                                                                                                               | <b>Test Fuel Type</b>                         | 62 - Electricity                     |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Test Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 09/27/2022                                                                                                       | <b>Fuel</b>                                   | Electricity                          |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Fuel Batch ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | --                                                                                                               | <b>Fuel Calibration Number</b>                | --                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Vehicle Class</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | MDPV (Federal Tier 2, GVWR 8501-10000)                                                                           | <b>DF Type</b>                                | EPA Assigned                         |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Verify Test Lab ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | FEV Michigan                                                                                                     |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | --                                                                                                               |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 4303                                                                                                             | <b>Odometer Units</b>                         | M                                    |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>4WD Test Dyno</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Yes                                                                                                              | <b>Diesel Adjustment Factor Usage</b>         | --                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>State of Charge Delta</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Yes                                                                                                              |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Drive Cycle Speed Tolerance Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Used Part 86 (+/- 2 mph, +/- 1 sec)                                                                              | <b>Road Speed Fan Usage</b>                   | Yes                                  |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>PHEV/EV Charge Depleting Test Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                  |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Recharge Event Voltage</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 240                                                                                                              | <b>Recharge Event Energy (kiloWatt-hours)</b> | 148.1                                |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Range (Calculated miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 452.61                                                                                                           | <b>Charge Depleting Range (Actual miles)</b>  | 452.61                               |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>All Electric Range Unadjusted (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | --                                                                                                               | <b>Derived 5-Cycle Coefficient Model Year</b> | --                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Equivalent All Electric Range (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 452.61                                                                                                           |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Number of Charge Depleting Bags/Phases Conducted</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 2                                                                                                                | <b>Transition Bag/Phase Number</b>            | --                                   |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                  |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr> </thead> <tbody> <tr> <td>1</td><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr> <tr> <td>2</td><td>Drive Trace Absolute Speed Change Rating</td><td>1.34</td></tr> <tr> <td>3</td><td>Drive Trace Energy Economy Rating</td><td>1.02</td></tr> <tr> <td>4</td><td>Drive Trace Inertia Work Ratio Rating</td><td>1.52</td></tr> <tr> <td>5</td><td>Manufacturer Fuel Economy</td><td>28.79</td></tr> </tbody> </table>  |                                                                                                                  |                                               |                                      | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 1 | Carbon-Related Exhaust Emissions | 0 | 2 | Drive Trace Absolute Speed Change Rating | 1.34 | 3 | Drive Trace Energy Economy Rating | 1.02 | 4 | Drive Trace Inertia Work Ratio Rating | 1.52 | 5  | Manufacturer Fuel Economy | 28.79 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Test Result/Emission Name                                                                                        | Unrounded Test Result                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Carbon-Related Exhaust Emissions                                                                                 | 0                                             |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Drive Trace Absolute Speed Change Rating                                                                         | 1.34                                          |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Drive Trace Energy Economy Rating                                                                                | 1.02                                          |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Drive Trace Inertia Work Ratio Rating                                                                            | 1.52                                          |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Manufacturer Fuel Economy                                                                                        | 28.79                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                  |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr> </thead> <tbody> <tr> <td>6</td><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr> <tr> <td>7</td><td>Drive Trace Absolute Speed Change Rating</td><td>2.24</td></tr> <tr> <td>8</td><td>Drive Trace Energy Economy Rating</td><td>0.69</td></tr> <tr> <td>9</td><td>Drive Trace Inertia Work Ratio Rating</td><td>3.15</td></tr> <tr> <td>10</td><td>Manufacturer Fuel Economy</td><td>27.45</td></tr> </tbody> </table> |                                                                                                                  |                                               |                                      | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 6 | Carbon-Related Exhaust Emissions | 0 | 7 | Drive Trace Absolute Speed Change Rating | 2.24 | 8 | Drive Trace Energy Economy Rating | 0.69 | 9 | Drive Trace Inertia Work Ratio Rating | 3.15 | 10 | Manufacturer Fuel Economy | 27.45 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Test Result/Emission Name                                                                                        | Unrounded Test Result                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Carbon-Related Exhaust Emissions                                                                                 | 0                                             |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Drive Trace Absolute Speed Change Rating                                                                         | 2.24                                          |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Drive Trace Energy Economy Rating                                                                                | 0.69                                          |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Drive Trace Inertia Work Ratio Rating                                                                            | 3.15                                          |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Manufacturer Fuel Economy                                                                                        | 27.45                                         |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Manufacturer Test Comments</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | R1T - Drive Mode: Conserve with 21" Tires. Cycle 1: 287.87 Wh/mi, Cycle 2: 274.49 Wh/mi. MCT Energy: 127264.5 Wh |                                               |                                      |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |

## Certification Summary Information Report

| Test Group           |               | PRIVT00.0194         |               |                | Evaporative/Refueling Family |                  |                          |        |         | --                  |          |           |
|----------------------|---------------|----------------------|---------------|----------------|------------------------------|------------------|--------------------------|--------|---------|---------------------|----------|-----------|
| Certification Region | Useful Life   | Standard Level       | Emission Name | Rounded Result | RAF                          | NMOG/NM HC Ratio | Diesel Adjustment Factor | Add DF | Mult DF | Certification Level | Standard | Pass/Fail |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |
| Fed                  | 150,000 miles | Federal Tier 3 Bin 0 | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |
| CA                   | 120,000 miles | California ZEV       | CREE          | 0              | --                           | --               | --                       | 0      | --      | 0                   | --       | --        |

## Certification Summary Information Report

| <b>Test Group</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PRIVT00.0194                             | <b>Evaporative/Refueling Family</b>           | --                                           |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-----------------------------------------------|----------------------------------------------|------------------------------|---------------------------|-----------------------|---|----------------------------------|---|---|------------------------------------------|------|---|-----------------------------------|------|---|---------------------------------------|------|----|---------------------------|-------|
| <b>Test #</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <b>PRIV10077332</b>                      | <b>Test Procedure</b>                         | <b>86 - Charge Depleting 20 Degree F FTP</b> |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Exhaust Test # for this Evap Test</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | --                                       | <b>Test Fuel Type</b>                         | 62 - Electricity                             |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Test Date</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 09/17/2022                               | <b>Fuel</b>                                   | N/A                                          |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Fuel Batch ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | --                                       | <b>Fuel Calibration Number</b>                | --                                           |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Vehicle Class</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | N/A                                      | <b>DF Type</b>                                | EPA Assigned                                 |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Verify Test Lab ID</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | FEV Michigan                             |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>E10 Evaporative Test Measurement Method</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | --                                       |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Test Start Odometer Reading</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 3807                                     | <b>Odometer Units</b>                         | M                                            |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>4WD Test Dyno</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Yes                                      | <b>Diesel Adjustment Factor Usage</b>         | --                                           |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>State of Charge Delta</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Yes                                      |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Drive Cycle Speed Tolerance Criteria</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Used Part 86 (+/- 2 mph, +/- 1 sec)      | <b>Road Speed Fan Usage</b>                   | Yes                                          |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>PHEV/EV Charge Depleting Test Information</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                          |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Recharge Event Voltage</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 240                                      | <b>Recharge Event Energy (kiloWatt-hours)</b> | 148.1                                        |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Range (Calculated miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 111.73                                   | <b>Charge Depleting Range (Actual miles)</b>  | 111.73                                       |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>All Electric Range Unadjusted (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | --                                       | <b>Derived 5-Cycle Coefficient Model Year</b> | --                                           |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Equivalent All Electric Range (miles)</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 111.73                                   |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Number of Charge Depleting Bags/Phases Conducted</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3                                        | <b>Transition Bag/Phase Number</b>            | --                                           |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                          |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
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| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Test Result/Emission Name                | Unrounded Test Result                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Carbon-Related Exhaust Emissions         | 0                                             |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Drive Trace Absolute Speed Change Rating | 1.41                                          |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Drive Trace Energy Economy Rating        | 0.84                                          |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Drive Trace Inertia Work Ratio Rating    | 1.38                                          |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Manufacturer Fuel Economy                | 66.14                                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                          |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <table border="1"> <thead> <tr> <th>Charge Depleting Bag/Phase #</th> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>6</td> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>7</td> <td>Drive Trace Absolute Speed Change Rating</td> <td>0.64</td> </tr> <tr> <td>8</td> <td>Drive Trace Energy Economy Rating</td> <td>0.3</td> </tr> <tr> <td>9</td> <td>Drive Trace Inertia Work Ratio Rating</td> <td>0.96</td> </tr> <tr> <td>10</td> <td>Manufacturer Fuel Economy</td> <td>43.84</td> </tr> </tbody> </table> |                                          |                                               |                                              | Charge Depleting Bag/Phase # | Test Result/Emission Name | Unrounded Test Result | 6 | Carbon-Related Exhaust Emissions | 0 | 7 | Drive Trace Absolute Speed Change Rating | 0.64 | 8 | Drive Trace Energy Economy Rating | 0.3  | 9 | Drive Trace Inertia Work Ratio Rating | 0.96 | 10 | Manufacturer Fuel Economy | 43.84 |
| Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Test Result/Emission Name                | Unrounded Test Result                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Carbon-Related Exhaust Emissions         | 0                                             |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Drive Trace Absolute Speed Change Rating | 0.64                                          |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Drive Trace Energy Economy Rating        | 0.3                                           |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Drive Trace Inertia Work Ratio Rating    | 0.96                                          |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Manufacturer Fuel Economy                | 43.84                                         |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |
| <b>Charge Depleting Bag/Phase</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                          |                                               |                                              |                              |                           |                       |   |                                  |   |   |                                          |      |   |                                   |      |   |                                       |      |    |                           |       |

## Certification Summary Information Report

| Test Group                 | PRIVT00.0194                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Evaporative/Refueling Family             | --                        |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|---------------------------|-----------------------|----|----------------------------------|---|----|------------------------------------------|------|----|-----------------------------------|------|----|---------------------------------------|------|----|---------------------------|-------|--|--|
|                            | <table><tr><th>Charge Depleting Bag/Phase #</th><th>Test Result/Emission Name</th><th>Unrounded Test Result</th></tr><tr><td>11</td><td>Carbon-Related Exhaust Emissions</td><td>0</td></tr><tr><td>12</td><td>Drive Trace Absolute Speed Change Rating</td><td>0.53</td></tr><tr><td>13</td><td>Drive Trace Energy Economy Rating</td><td>0.05</td></tr><tr><td>14</td><td>Drive Trace Inertia Work Ratio Rating</td><td>0.58</td></tr><tr><td>15</td><td>Manufacturer Fuel Economy</td><td>49.43</td></tr></table> | Charge Depleting Bag/Phase #             | Test Result/Emission Name | Unrounded Test Result | 11 | Carbon-Related Exhaust Emissions | 0 | 12 | Drive Trace Absolute Speed Change Rating | 0.53 | 13 | Drive Trace Energy Economy Rating | 0.05 | 14 | Drive Trace Inertia Work Ratio Rating | 0.58 | 15 | Manufacturer Fuel Economy | 49.43 |  |  |
|                            | Charge Depleting Bag/Phase #                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Test Result/Emission Name                | Unrounded Test Result     |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                            | 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Carbon-Related Exhaust Emissions         | 0                         |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                            | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Drive Trace Absolute Speed Change Rating | 0.53                      |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                            | 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Drive Trace Energy Economy Rating        | 0.05                      |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                            | 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Drive Trace Inertia Work Ratio Rating    | 0.58                      |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
|                            | 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Manufacturer Fuel Economy                | 49.43                     |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| Manufacturer Test Comments | R1T - Drive Mode: Conserve with 21" Tires. Cycle 1: 661.43 Wh/mi, Cycle 3: 494.35 Wh/mi, CD: Wh/mi, Cycle 4: 438.41 Wh/mi.                                                                                                                                                                                                                                                                                                                                                                                           |                                          |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |
| Fuel Properties            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                          |                           |                       |    |                                  |   |    |                                          |      |    |                                   |      |    |                                       |      |    |                           |       |  |  |

## Certification Summary Information Report

|                                |               |                                        |     |             |                                 |                                   |         |                                  |     |
|--------------------------------|---------------|----------------------------------------|-----|-------------|---------------------------------|-----------------------------------|---------|----------------------------------|-----|
| Test Group                     |               | PRIVT00.0194                           |     |             | Evaporative/Refueling Family    |                                   |         | --                               |     |
| Consolidated List of Standards |               |                                        |     |             |                                 |                                   |         |                                  |     |
| Exhaust Standards              |               |                                        |     |             |                                 |                                   |         |                                  |     |
| Cert Region                    |               | Federal                                |     |             | Cert/In-Use Code                |                                   |         | Cert                             |     |
| Vehicle Class                  |               | MDPV (Federal Tier 2, GVWR 8501-10000) |     |             | Standard Level                  |                                   |         | Federal Tier 3 Bin 0             |     |
| Fuel                           |               | Electricity                            |     |             | Test Procedure                  |                                   |         | HWFE                             |     |
| Useful Life                    | Emission Name | Rounded Result                         | RAF | NMOG / NMHC | Upward Diesel Adjustment Factor | Downward Diesel Adjustment Factor | Mult DF | Add DF                           | Std |
| 150,000 miles                  | CO            | --                                     | --  | --          | --                              | --                                | --      | 0                                | 0   |
| 150,000 miles                  | CREE          | --                                     | --  | --          | --                              | --                                | --      | 0                                | 0   |
|                                |               |                                        |     |             |                                 |                                   |         |                                  |     |
| Cert Region                    |               | California + CAA Section 177 states    |     |             | Cert/In-Use Code                |                                   |         | Cert                             |     |
| Vehicle Class                  |               | MDPV (Federal Tier 2, GVWR 8501-10000) |     |             | Standard Level                  |                                   |         | California ZEV                   |     |
| Fuel                           |               | Electricity                            |     |             | Test Procedure                  |                                   |         | Charge Depleting Highway         |     |
| Useful Life                    | Emission Name | Rounded Result                         | RAF | NMOG / NMHC | Upward Diesel Adjustment Factor | Downward Diesel Adjustment Factor | Mult DF | Add DF                           | Std |
| 120,000 miles                  | CO            | --                                     | --  | --          | --                              | --                                | --      | 0                                | 0   |
| 120,000 miles                  | CREE          | --                                     | --  | --          | --                              | --                                | --      | 0                                | 0   |
|                                |               |                                        |     |             |                                 |                                   |         |                                  |     |
| Cert Region                    |               | California + CAA Section 177 states    |     |             | Cert/In-Use Code                |                                   |         | Cert                             |     |
| Vehicle Class                  |               | MDPV (Federal Tier 2, GVWR 8501-10000) |     |             | Standard Level                  |                                   |         | California ZEV                   |     |
| Fuel                           |               | Electricity                            |     |             | Test Procedure                  |                                   |         | Charge Depleting UDDS            |     |
| Useful Life                    | Emission Name | Rounded Result                         | RAF | NMOG / NMHC | Upward Diesel Adjustment Factor | Downward Diesel Adjustment Factor | Mult DF | Add DF                           | Std |
| 120,000 miles                  | CO            | --                                     | --  | --          | --                              | --                                | --      | 0                                | 0   |
| 120,000 miles                  | CREE          | --                                     | --  | --          | --                              | --                                | --      | 0                                | 0   |
|                                |               |                                        |     |             |                                 |                                   |         |                                  |     |
| Cert Region                    |               | Federal                                |     |             | Cert/In-Use Code                |                                   |         | Cert                             |     |
| Vehicle Class                  |               | MDPV (Federal Tier 2, GVWR 8501-10000) |     |             | Standard Level                  |                                   |         | Federal Tier 3 Bin 0             |     |
| Fuel                           |               | Electricity                            |     |             | Test Procedure                  |                                   |         | Charge Depleting 20 Degree F FTP |     |
| Useful Life                    | Emission Name | Rounded Result                         | RAF | NMOG / NMHC | Upward Diesel Adjustment Factor | Downward Diesel Adjustment Factor | Mult DF | Add DF                           | Std |
| 150,000 miles                  | CO            | --                                     | --  | --          | --                              | --                                | --      | 0                                | 0   |
| 150,000 miles                  | CREE          | --                                     | --  | --          | --                              | --                                | --      | 0                                | 0   |

## Certification Summary Information Report

|               |               |                                        |     |             |                                 |                                   |         |                                  |     |
|---------------|---------------|----------------------------------------|-----|-------------|---------------------------------|-----------------------------------|---------|----------------------------------|-----|
| Test Group    |               | PRIVT00.0194                           |     |             | Evaporative/Refueling Family    |                                   |         | --                               |     |
|               |               |                                        |     |             |                                 |                                   |         |                                  |     |
| Cert Region   |               | Federal                                |     |             | Cert/In-Use Code                |                                   |         | Cert                             |     |
| Vehicle Class |               | MDPV (Federal Tier 2, GVWR 8501-10000) |     |             | Standard Level                  |                                   |         | Federal Tier 3 Bin 0             |     |
| Fuel          |               | Electricity                            |     |             | Test Procedure                  |                                   |         | Charge Depleting UDDS            |     |
| Useful Life   | Emission Name | Rounded Result                         | RAF | NMOG / NMHC | Upward Diesel Adjustment Factor | Downward Diesel Adjustment Factor | Mult DF | Add DF                           | Std |
| 150,000 miles | CO            | --                                     | --  | --          | --                              | --                                | --      | 0                                | 0   |
| 150,000 miles | CREE          | --                                     | --  | --          | --                              | --                                | --      | 0                                | 0   |
|               |               |                                        |     |             |                                 |                                   |         |                                  |     |
| Cert Region   |               | Federal                                |     |             | Cert/In-Use Code                |                                   |         | Cert                             |     |
| Vehicle Class |               | MDPV (Federal Tier 2, GVWR 8501-10000) |     |             | Standard Level                  |                                   |         | Federal Tier 3 Bin 0             |     |
| Fuel          |               | Electricity                            |     |             | Test Procedure                  |                                   |         | Charge Depleting Highway         |     |
| Useful Life   | Emission Name | Rounded Result                         | RAF | NMOG / NMHC | Upward Diesel Adjustment Factor | Downward Diesel Adjustment Factor | Mult DF | Add DF                           | Std |
| 150,000 miles | CO            | --                                     | --  | --          | --                              | --                                | --      | 0                                | 0   |
| 150,000 miles | CREE          | --                                     | --  | --          | --                              | --                                | --      | 0                                | 0   |
|               |               |                                        |     |             |                                 |                                   |         |                                  |     |
| Cert Region   |               | California + CAA Section 177 states    |     |             | Cert/In-Use Code                |                                   |         | Cert                             |     |
| Vehicle Class |               | MDPV (Federal Tier 2, GVWR 8501-10000) |     |             | Standard Level                  |                                   |         | California ZEV                   |     |
| Fuel          |               | Electricity                            |     |             | Test Procedure                  |                                   |         | CVS 75 and later (w/o can. load) |     |
| Useful Life   | Emission Name | Rounded Result                         | RAF | NMOG / NMHC | Upward Diesel Adjustment Factor | Downward Diesel Adjustment Factor | Mult DF | Add DF                           | Std |
| 120,000 miles | CO            | --                                     | --  | --          | --                              | --                                | --      | 0                                | 0   |
| 120,000 miles | CREE          | --                                     | --  | --          | --                              | --                                | --      | 0                                | 0   |
|               |               |                                        |     |             |                                 |                                   |         |                                  |     |
| Cert Region   |               | California + CAA Section 177 states    |     |             | Cert/In-Use Code                |                                   |         | Cert                             |     |
| Vehicle Class |               | MDPV (Federal Tier 2, GVWR 8501-10000) |     |             | Standard Level                  |                                   |         | California ZEV                   |     |
| Fuel          |               | Electricity                            |     |             | Test Procedure                  |                                   |         | Charge Depleting 20 Degree F FTP |     |
| Useful Life   | Emission Name | Rounded Result                         | RAF | NMOG / NMHC | Upward Diesel Adjustment Factor | Downward Diesel Adjustment Factor | Mult DF | Add DF                           | Std |
| 120,000 miles | CO            | --                                     | --  | --          | --                              | --                                | --      | 0                                | 0   |
| 120,000 miles | CREE          | --                                     | --  | --          | --                              | --                                | --      | 0                                | 0   |

## Certification Summary Information Report

|                      |                      |                                        |            |                    |                                        |                                          |                |                                  |            |
|----------------------|----------------------|----------------------------------------|------------|--------------------|----------------------------------------|------------------------------------------|----------------|----------------------------------|------------|
| <b>Test Group</b>    |                      | PRIVT00.0194                           |            |                    | <b>Evaporative/Refueling Family</b>    |                                          |                | --                               |            |
| <b>Cert Region</b>   |                      | Federal                                |            |                    | <b>Cert/In-Use Code</b>                |                                          |                | Cert                             |            |
| <b>Vehicle Class</b> |                      | MDPV (Federal Tier 2, GVWR 8501-10000) |            |                    | <b>Standard Level</b>                  |                                          |                | Federal Tier 3 Bin 0             |            |
| <b>Fuel</b>          |                      | Electricity                            |            |                    | <b>Test Procedure</b>                  |                                          |                | CVS 75 and later (w/o can. load) |            |
| <b>Useful Life</b>   | <b>Emission Name</b> | <b>Rounded Result</b>                  | <b>RAF</b> | <b>NMOG / NMHC</b> | <b>Upward Diesel Adjustment Factor</b> | <b>Downward Diesel Adjustment Factor</b> | <b>Mult DF</b> | <b>Add DF</b>                    | <b>Std</b> |
| 150,000 miles        | CO                   | --                                     | --         | --                 | --                                     | --                                       | --             | 0                                | 0          |
| 150,000 miles        | CREE                 | --                                     | --         | --                 | --                                     | --                                       | --             | 0                                | 0          |
|                      |                      |                                        |            |                    |                                        |                                          |                |                                  |            |
| <b>Cert Region</b>   |                      | California + CAA Section 177 states    |            |                    | <b>Cert/In-Use Code</b>                |                                          |                | Cert                             |            |
| <b>Vehicle Class</b> |                      | MDPV (Federal Tier 2, GVWR 8501-10000) |            |                    | <b>Standard Level</b>                  |                                          |                | California ZEV                   |            |
| <b>Fuel</b>          |                      | Electricity                            |            |                    | <b>Test Procedure</b>                  |                                          |                | HWFE                             |            |
| <b>Useful Life</b>   | <b>Emission Name</b> | <b>Rounded Result</b>                  | <b>RAF</b> | <b>NMOG / NMHC</b> | <b>Upward Diesel Adjustment Factor</b> | <b>Downward Diesel Adjustment Factor</b> | <b>Mult DF</b> | <b>Add DF</b>                    | <b>Std</b> |
| 120,000 miles        | CO                   | --                                     | --         | --                 | --                                     | --                                       | --             | 0                                | 0          |
| 120,000 miles        | CREE                 | --                                     | --         | --                 | --                                     | --                                       | --             | 0                                | 0          |

## Certification Summary Information Report

| Test Group                      |                                                                 | PRIVT00.0194 | Evaporative/Refueling Family |                                                            | -- |
|---------------------------------|-----------------------------------------------------------------|--------------|------------------------------|------------------------------------------------------------|----|
| Glossary                        |                                                                 |              |                              |                                                            |    |
| Useful Life                     |                                                                 |              |                              |                                                            |    |
| 4                               | 4,000 miles                                                     |              | 120                          | 120,000 miles                                              |    |
| 50                              | 50,000 miles                                                    |              | 150                          | 150,000 miles                                              |    |
| 100                             | 100,000 miles                                                   |              |                              |                                                            |    |
| Emission Name                   |                                                                 |              |                              |                                                            |    |
| HC-TOTAL                        | Total Hydrocarbon                                               |              | METHANOL                     | CH3OH - Methanol                                           |    |
| CO                              | Carbon Monoxide                                                 |              | N2O                          | Nitrous Oxide                                              |    |
| CO2                             | Carbon dioxide                                                  |              | SPITBACK                     | Spitback Hydrocarbon in grams                              |    |
| CREE                            | Carbon-Related Exhaust Emissions                                |              | AMP-HRS                      | Integrated Amp-hours                                       |    |
| OPT-CREE                        | Optional Carbon-Related Exhaust Emissions                       |              | START-SOC                    | System Start State of Charge Watt-hours                    |    |
| NOX                             | Nitrogen Oxide                                                  |              | END-SOC                      | System End State of Charge Watt-hours                      |    |
| PM                              | Particulate Matter                                              |              | ACT-DISTANCE                 | Actual Distance Driven (miles)                             |    |
| PM-COMP                         | SFTP Composite Particulate Matter                               |              | AS-VOLT                      | Average System Voltage                                     |    |
| HC-NM                           | Non-methane Hydrocarbon                                         |              | CO2 BAG 1                    | Bag 1 Carbon Dioxide                                       |    |
| OMHCE                           | Organic material Hydrocarbon Equivalent                         |              | CO2 BAG 2                    | Bag 2 Carbon Dioxide                                       |    |
| OMNMHCE                         | Organic material non-methane HC equivalent                      |              | CO2 BAG 3                    | Bag 3 Carbon Dioxide                                       |    |
| NMOG                            | Non-methane organic gases                                       |              | CO2 BAG 4                    | Bag 4 Carbon Dioxide                                       |    |
| HCHO                            | Formaldehyde                                                    |              | NMOG+NOX                     | Non-methane organic gases plus Nitrogen Oxides             |    |
| H3C2HO                          | Acetaldehyde                                                    |              | NMOG+NOX-COMP                | SFTP Composite Non-methane Organic Gases + Nitrogen Oxides |    |
| HC-NM+NOX                       | SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03 |              | DT-IWRR                      | Drive Trace Inertia Work Ratio Rating                      |    |
| HC-NM+NOX-COMP                  | SFTP Composite Non-methane Hydrocarbon + Nitrogen Oxides        |              | DT-ASCR                      | Drive Trace Absolute Speed Change Rating                   |    |
| CO-COMP                         | SFTP Composite Carbon Monoxide                                  |              | DT-EER                       | Drive Trace Energy Economy Rating                          |    |
| ETHANOL                         | C2H5OH - Ethanol                                                |              | COMB-CREE                    | Combined Carbon-Related Exhaust Emissions                  |    |
| FE BAG 1                        | Bag 1 Fuel Economy                                              |              | COMB-OPT-CREE                | Combined Optional Carbon-Related Exhaust Emissions         |    |
| FE BAG 2                        | Bag 2 Fuel Economy                                              |              | HC-TOTAL-EQUIV               | Total Hydrocarbon equivalent - Evap only                   |    |
| FE BAG 3                        | Bag 3 Fuel Economy                                              |              | METHANE-COMB                 | Combined CH4 for HD 2b/3 vehicles only                     |    |
| FE BAG 4                        | Bag 4 Fuel Economy                                              |              | N2O-COMB                     | Combined Nitrous Oxide for HD 2b/3 vehicles only           |    |
| MFR FE                          | Manufacturer Fuel Economy                                       |              | LEAK-DIA                     | Effective Leak Diameter (inches)                           |    |
| HC                              | Hydrocarbon for Running Loss and ORVR                           |              | LEAK-GAS CAP                 | Gas Cap Leakage (cc/min)                                   |    |
| METHANE                         | CH4 - Methane                                                   |              | CO2-COMB                     | Combined Carbon Dioxide for HD 2b/3 Vehicles Only          |    |
| Certification Region            |                                                                 |              |                              |                                                            |    |
| CA                              | California + CAA Section 177 states                             |              | FA                           | Federal                                                    |    |
| Exhaust Emission Standard Level |                                                                 |              |                              |                                                            |    |
| B1                              | Federal Tier 2 Bin 1                                            |              | L3ULEV340                    | California LEV-III ULEV340                                 |    |
| B2                              | Federal Tier 2 Bin 2                                            |              | L3ULEV250                    | California LEV-III ULEV250                                 |    |
| B3                              | Federal Tier 2 Bin 3                                            |              | L3ULEV200                    | California LEV-III ULEV200                                 |    |
| B4                              | Federal Tier 2 Bin 4                                            |              | L3SULEV170                   | California LEV-III SULEV170                                |    |
| B5                              | Federal Tier 2 Bin 5                                            |              | L3SULEV150                   | California LEV-III SULEV150                                |    |

## Certification Summary Information Report

| Test Group                    |                                                                   | PRIVT00.0194 | Evaporative/Refueling Family                             |                                                      | -- |
|-------------------------------|-------------------------------------------------------------------|--------------|----------------------------------------------------------|------------------------------------------------------|----|
| B6                            | Federal Tier 2 Bin 6                                              |              | L3LEV630                                                 | California LEV-III LEV630                            |    |
| B7                            | Federal Tier 2 Bin 7                                              |              | L3ULEV570                                                | California LEV-III ULEV570                           |    |
| B8                            | Federal Tier 2 Bin 8                                              |              | L3ULEV400                                                | California LEV-III ULEV400                           |    |
| B9                            | Federal Tier 2 Bin 9                                              |              | L3ULEV270                                                | California LEV-III ULEV270                           |    |
| B10                           | Federal Tier 2 Bin 10                                             |              | L3SULEV230                                               | California LEV-III SULEV230                          |    |
| B11                           | Federal Tier 2 Bin 11                                             |              | L3SULEV200                                               | California LEV-III SULEV200                          |    |
| HDV1                          | HDV1 (Federal HD chassis Class 2b GVW 8501-10000)                 |              | T3B160                                                   | Federal Tier 3 Bin 160                               |    |
| HDV2                          | HDV2 (Federal HD chassis Class 3 GVW 10001-14000)                 |              | T3B125                                                   | Federal Tier 3 Bin 125                               |    |
| L2                            | California LEV-II LEV                                             |              | T3B110                                                   | Federal Tier 3 Transitional Bin 110                  |    |
| L2OP                          | California LEV-II LEV Optional                                    |              | T3B85                                                    | Federal Tier 3 Transitional Bin 85                   |    |
| U2                            | California LEV-II ULEV                                            |              | T3SULEV30                                                | Federal Tier 3 Transitional LEV-II SULEV30 Carryover |    |
| S2                            | California LEV-II SULEV                                           |              | T3B70                                                    | Federal Tier 3 Bin 70                                |    |
| ZEV                           | California ZEV                                                    |              | T3B50                                                    | Federal Tier 3 Bin 50                                |    |
| OT                            | Other                                                             |              | T3B30                                                    | Federal Tier 3 Bin 30                                |    |
| T1                            | Federal Tier 1                                                    |              | T3B20                                                    | Federal Tier 3 Bin 20                                |    |
| PZEV                          | California PZEV                                                   |              | T3B0                                                     | Federal Tier 3 Bin 0                                 |    |
| L2LEV160                      | California LEV-II LEV160                                          |              | HDV2B395                                                 | Federal Tier 3 HD Class 2b Transitional Bin 395      |    |
| L2ULEV125                     | California LEV-II ULEV125                                         |              | HDV2B340                                                 | Federal Tier 3 HD Class 2b Transitional Bin 340      |    |
| L2SULEV30                     | California LEV-II SULEV30                                         |              | HDV2B250                                                 | Federal Tier 3 HD Class 2b Bin 250                   |    |
| L2LEV395                      | California LEV-II LEV395                                          |              | HDV2B200                                                 | Federal Tier 3 HD Class 2b Bin 200                   |    |
| L2ULEV340                     | California LEV-II ULEV340                                         |              | HDV2B170                                                 | Federal Tier 3 HD Class 2b Bin 170                   |    |
| L2LEV630                      | California LEV-II LEV630                                          |              | HDV2B150                                                 | Federal Tier 3 HD Class 2b Bin 150                   |    |
| L2ULEV570                     | California LEV-II ULEV570                                         |              | HDV2B0                                                   | Federal Tier 3 HD Class 2b Bin 0                     |    |
| L3LEV160                      | California LEV-III LEV160                                         |              | HDV3B630                                                 | Federal Tier 3 HD Class 3 Transitional Bin 630       |    |
| L3ULEV125                     | California LEV-III ULEV125                                        |              | HDV3B570                                                 | Federal Tier 3 HD Class 3 Transitional Bin 570       |    |
| L3ULEV70                      | California LEV-III ULEV70                                         |              | HDV3B400                                                 | Federal Tier 3 HD Class 3 Bin 400                    |    |
| L3ULEV50                      | California LEV-III ULEV50                                         |              | HDV3B270                                                 | Federal Tier 3 HD Class 3 Bin 270                    |    |
| L3SULEV30                     | California LEV-III SULEV30                                        |              | HDV3B230                                                 | Federal Tier 3 HD Class 3 Bin 230                    |    |
| L3SULEV20                     | California LEV-III SULEV20                                        |              | HDV3B200                                                 | Federal Tier 3 HD Class 3 Bin 200                    |    |
| L3LEV395                      | California LEV-III LEV395                                         |              | HDV3B0                                                   | Federal Tier 3 HD Class 3 Bin 0                      |    |
| <b>Transmission Type Code</b> |                                                                   |              |                                                          |                                                      |    |
| AMS                           | Automated Manual- Selectable (e.g. Automated Manual with paddles) | M            | Manual                                                   |                                                      |    |
| A                             | Automatic                                                         | OT           | Other                                                    |                                                      |    |
| AM                            | Automated Manual                                                  | SA           | Semi-Automatic                                           |                                                      |    |
| CVT                           | Continuously Variable                                             | SCV          | Selectable Continuously Variable (e.g. CVT with paddles) |                                                      |    |
| <b>Drive System Code</b>      |                                                                   |              |                                                          |                                                      |    |
| 4                             | 4-Wheel Drive                                                     | P            | Part-time 4-Wheel Drive                                  |                                                      |    |
| F                             | 2-Wheel Drive, Front                                              | A            | All Wheel Drive                                          |                                                      |    |
| R                             | 2-Wheel Drive, Rear                                               |              |                                                          |                                                      |    |

## Certification Summary Information Report

| Test Group                    |                                 | PRIVT00.0194 | Evaporative/Refueling Family |                                  | -- |
|-------------------------------|---------------------------------|--------------|------------------------------|----------------------------------|----|
| Additional Terms and Acronyms |                                 |              |                              |                                  |    |
| AFC                           | Alternative Fuel Converter      |              | ICI                          | Independent Commercial Importer  |    |
| CSI                           | Certificate Summary Information |              | ORVR                         | Onboard Refueling Vapor Recovery |    |
| DF                            | Deterioration Factor            |              | SIL                          | Shift Indicator Light            |    |
| Evap                          | Evaporation, Evaporative        |              | Trans                        | Transmission                     |    |