

Certification Summary Information Report

| Test Group | | VBMXV00.0N5C | | | Evaporative/Refueling Family | | -- | | | |
|--|----------|--|------------------------------|-----------------|--|-----------------------|---------------------------|--------------------------|------------------------------|-----------------------|
| Models Covered by this Certificate | | | | | | | | | | |
| Carline Manufacturer | Division | Carline | Certification Region Code(s) | Drive System | Trans - Type | - # of Gears | Trans - Lockup | | | |
| BMW | 1 - BMW | 470 - iX3 50 xDrive (20" Summer Tires) | Federal | All Wheel Drive | Automatic | 1 | No | | | |
| BMW | 1 - BMW | 473 - iX3 50 xDrive (21" All-Season Tires) | Federal | All Wheel Drive | Automatic | 1 | No | | | |
| BMW | 1 - BMW | 471 - iX3 50 xDrive (20" All-Season Tires) | Federal | All Wheel Drive | Automatic | 1 | No | | | |
| BMW | 1 - BMW | 472 - iX3 50 xDrive (21" Summer Tires) | Federal | All Wheel Drive | Automatic | 1 | No | | | |
| BMW | 1 - BMW | 474 - iX3 50 xDrive (22" Summer Tires) | Federal | All Wheel Drive | Automatic | 1 | No | | | |
| Engine Description | | | | | | | | | | |
| Hybrid Type | | -- | | | Hybrid Description | | -- | | | |
| Engine Type | | -- | | | Mfr Engine Description | | -- | | | |
| Engine Block Arrangement | | -- | | | Mfr Engine Block Arrangement Description | | -- | | | |
| Camless Valvetrain Indicator | | -- | | | Oil Viscosity/Classification | | -- | | | |
| Number of Cylinders/Rotors | | -- | | | Mechanically Variable Compression Ratio Indicator | | -- | | | |
| After Treatment Device(s) (ATD) | | | | | | | | | | |
| Mfr After Treatment Device (ATD) Comments | | -- | | | | | | | | |
| Direct Ozone Reduction (DOR) Device | | -- | | | | | | | | |
| Mfr Emission Control Device Comments | | -- | | | | | | | | |
| 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 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |

Certification Summary Information Report

| Test Group | VBMXXV00.0N5C | 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 | 699 | Battery Energy Capacity | 162.3 |
| Battery Specific Energy | 190 | Battery Charger Type | On-Board |
| 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) | 2 | | |
| Motor/Generator Type 1 | AC Induction | Rated Motor/Generator Power | 123 |
| Motor/Generator Type 2 | EESM | Rated Motor/Generator Power | 240 |
| Mfr Fuel Cell Description | -- | | |
| Fuel Cell On-Board H2 Storage Capacity (kg) | -- | Usable H2 Fill Capacity (kg) | -- |
| Mfr Hybrid Electric/ Electric Vehicle Comments | Rear Motor/Generator Type: externally excited synchronuous machine (EESM) | | |

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| | | | |
|-------------------|--------------|-------------------------------------|----|
| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | -- |
|-------------------|--------------|-------------------------------------|----|

Emission Data Vehicle Information

| | | | |
|----------------------------------|--------------|---|----------------------------------|
| Vehicle ID / Configuration | DA01672 / 0 | Manufacturer Vehicle Configuration Number | 0 |
| Original Test Group Name | VBMXV00.0N5C | Original Evaporative/Refueling Family | -- |
| Original Test Vehicle Model Year | 2027 | | |
| Vehicle Model | | | |
| Represented Test Vehicle Make | BMW | Represented Test Vehicle Model | iX3 50 xDrive (20" Summer Tires) |

Leak Family Details

| | | | |
|------------------------|----|------------------|----|
| Leak Family Identifier | -- | Leak Family Name | -- |
|------------------------|----|------------------|----|

Drive Sources and Fuel System Details

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

| | | | |
|------------------------------------|---|--|-----------------|
| Hybrid Indicator | No | | |
| Multiple Fuel Storage | -- | Multiple Fuel Combustion | -- |
| Fuel Cell Indicator | No | Rechargeable Energy Storage System Indicator | Yes |
| Rechargeable Energy Storage System | Battery(s) | Rechargeable Energy Storage System, if 'Other' | -- |
| Off-board charge Capable Indicator | Yes | | |
| Odometer Correction -- Initial | 0 | Odometer Correction Factor | 1 |
| Odometer Correction Sign | + = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles | | |
| Odometer Correction Units | Miles | | |
| Engine Code | XE2D11N0NA5X | Rated Horsepower | 1 |
| Displacement (liters) | 0.001 | | |
| Air Aspiration Method | Naturally Aspirated | Air Aspiration Method, if 'Other' | |
| Number of Air Aspiration Devices | -- | Air Aspiration Device Configuration | -- |
| Charge Air Cooler Type | -- | Drive Mode While Testing | All Wheel Drive |
| Shift Indicator Light Usage | Not equipped | Aged Emission Components | 4,000 (mi) |
| Curb Weight (lbs) | 5154 | Equivalent Test Weight (pounds) | 5500 |
| GVWR (lbs) | 6228 | N/V Ratio | 1 |
| Axle Ratio | 1 | | |
| Transmission Type | Automatic | # of Transmission Gears | 1 |
| Transmission Lockup | No | Creeper Gear | No |

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 | 28.3 | 0.181 | 0.01737 | -5 | 0.117 | 0.01662 | 10.8 |
| US06 | 28.3 | 0.181 | 0.01737 | -5 | 0.117 | 0.01662 | N/A |

Certification Summary Information Report

| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | -- |
|---|---|------------------------------|----|
| Emission Control Device Comments | -- | | |
| Manufacturer Test Vehicle Comments | vi_DA01672_00_FEDV_iX3 50 xDrive (20" Summer Tires)_A_ETW-5500_RG51_default mode_D; Axle Ratio front: 8.8, rear: 9.6; N/V ratio front: 105, rear: 114.6; Power Peak front: 123kW, rear: 240kW | | |

Certification Summary Information Report

| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | -- |
|--|---|---|------------------------------------|
| Test # | VBMX10093033 | Test Procedure | 77 - Multi-Cycle Test (MCT) |
| Exhaust Test # for this Evap Test | -- | Test Fuel Type | 62 - Electricity |
| Test Date | 01/16/2026 | Fuel | Electricity |
| Fuel Batch ID | -- | Fuel Calibration Number | -- |
| Vehicle Class | LDV/Passenger Car | DF Type | Mfr. Assigned |
| Verify Test Lab ID | EETZ Emissions Lab | | |
| E10 Evaporative Test Measurement Method | -- | | |
| Test Start Odometer Reading | 15200 | Odometer Units | K |
| 4WD Test Dyno | Yes | Diesel Adjustment Factor Usage | -- |
| State of Charge Delta | Yes | | |
| Drive Cycle Speed Tolerance Criteria | Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec) | Road Speed Fan Usage | Yes |
| PHEV/EV Charge Depleting Test Information | | | |
| Recharge Event Voltage | 230 | Recharge Event Energy (kiloWatt-hours) | 127.158 |
| Charge Depleting Range (Calculated miles) | 651.921 | Charge Depleting Range (Actual miles) | 651.921 |
| Charge Depleting Range Highway (Calculated miles) | 571.596 | Derived 5-Cycle Coefficient Model Year | -- |
| All Electric Range Unadjusted (miles) | -- | Equivalent All Electric Range (miles) | 651.921 |
| Number of Charge Depleting Bags/Phases Conducted | 8 | Transition Bag/Phase Number | -- |
| Charge Depleting Bag/Phase #1 | | | |
| Test Result/Emission Name | | Unrounded Test Result | |
| Actual Distance Driven (miles) | | 7.451 | |
| Carbon dioxide | | 0 | |
| Carbon-Related Exhaust Emissions | | 0 | |
| Drive Trace Absolute Speed Change Rating | | -2.276 | |
| Drive Trace Energy Economy Rating | | -2.332 | |
| Drive Trace Inertia Work Ratio Rating | | -3.8 | |
| Integrated DC KW-HRS | | 1.3973 | |
| Manufacturer Fuel Economy | | 18.7539 | |
| Charge Depleting Bag/Phase #2 | | | |

Certification Summary Information Report

| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | -- | | | | | | | | | | | | | | | | | | |
|--|-----------------------|------------------------------|----|---------------------------|-----------------------|--------------------------------|---------|----------------|---|----------------------------------|---|--|--------|-----------------------------------|--------|---------------------------------------|--------|----------------------|---------|---------------------------|---------|
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>10.255</td> </tr> <tr> <td>Carbon dioxide</td> <td>0</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-3.943</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-1.785</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-4.512</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>2.0726</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>20.2105</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 10.255 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | -3.943 | Drive Trace Energy Economy Rating | -1.785 | Drive Trace Inertia Work Ratio Rating | -4.512 | Integrated DC KW-HRS | 2.0726 | Manufacturer Fuel Economy | 20.2105 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 10.255 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | -3.943 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | -1.785 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | -4.512 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 2.0726 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 20.2105 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #3 | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>7.428</td> </tr> <tr> <td>Carbon dioxide</td> <td>0</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-1.426</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-1.936</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-2.603</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.3326</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>17.94</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 7.428 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | -1.426 | Drive Trace Energy Economy Rating | -1.936 | Drive Trace Inertia Work Ratio Rating | -2.603 | Integrated DC KW-HRS | 1.3326 | Manufacturer Fuel Economy | 17.94 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 7.428 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | -1.426 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | -1.936 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | -2.603 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 1.3326 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 17.94 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #4 | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>355.425</td> </tr> <tr> <td>Carbon dioxide</td> <td>0</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>99.99</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>99.99</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>99.99</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>86.9031</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>24.4505</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 355.425 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | 99.99 | Drive Trace Energy Economy Rating | 99.99 | Drive Trace Inertia Work Ratio Rating | 99.99 | Integrated DC KW-HRS | 86.9031 | Manufacturer Fuel Economy | 24.4505 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 355.425 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | 99.99 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | 99.99 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | 99.99 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 86.9031 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 24.4505 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #5 | | | | | | | | | | | | | | | | | | | | | |

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| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | -- | | | | | | | | | | | | | | | | | | |
|---|-----------------------|------------------------------|----|---------------------------|-----------------------|--------------------------------|--------|----------------|---|----------------------------------|---|--|--------|-----------------------------------|--------|---------------------------------------|--------|----------------------|--------|---------------------------|---------|
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>7.432</td> </tr> <tr> <td>Carbon dioxide</td> <td>0</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-1.387</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-1.283</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-1.938</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.2433</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>16.7277</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 7.432 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | -1.387 | Drive Trace Energy Economy Rating | -1.283 | Drive Trace Inertia Work Ratio Rating | -1.938 | Integrated DC KW-HRS | 1.2433 | Manufacturer Fuel Economy | 16.7277 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 7.432 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | -1.387 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | -1.283 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | -1.938 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 1.2433 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 16.7277 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #6 | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>10.244</td> </tr> <tr> <td>Carbon dioxide</td> <td>0</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-0.78</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-0.415</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-1.072</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.9457</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>18.9938</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 10.244 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | -0.78 | Drive Trace Energy Economy Rating | -0.415 | Drive Trace Inertia Work Ratio Rating | -1.072 | Integrated DC KW-HRS | 1.9457 | Manufacturer Fuel Economy | 18.9938 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 10.244 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | -0.78 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | -0.415 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | -1.072 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 1.9457 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 18.9938 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #7 | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>7.412</td> </tr> <tr> <td>Carbon dioxide</td> <td>0</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-1.887</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-1.769</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-2.809</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.2478</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>16.8338</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 7.412 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | -1.887 | Drive Trace Energy Economy Rating | -1.769 | Drive Trace Inertia Work Ratio Rating | -2.809 | Integrated DC KW-HRS | 1.2478 | Manufacturer Fuel Economy | 16.8338 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 7.412 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | -1.887 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | -1.769 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | -2.809 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 1.2478 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 16.8338 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #8 | | | | | | | | | | | | | | | | | | | | | |

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|-------------------|--------------|-------------------------------------|----|

| Test Result/Emission Name | Unrounded Test Result |
|--|-----------------------|
| Actual Distance Driven (miles) | 65.51 |
| Carbon dioxide | 0 |
| Carbon-Related Exhaust Emissions | 0 |
| Drive Trace Absolute Speed Change Rating | 99.99 |
| Drive Trace Energy Economy Rating | 99.99 |
| Drive Trace Inertia Work Ratio Rating | 99.99 |
| Integrated DC KW-HRS | 15.9028 |
| Manufacturer Fuel Economy | 24.2754 |

Manufacturer Test Comments

01_ti_DA01672_00_FEDV_iX3 50 xDrive (20" Summer Tires)_A_ETW-5500_RG51_default mode_D; MCT UBE energy = 112045 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 | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |

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| | | | |
|-------------------|--------------|-------------------------------------|----|
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|-------------------|--------------|-------------------------------------|----|

Emission Data Vehicle Information

| | | | |
|----------------------------------|--------------|---|----------------------------------|
| Vehicle ID / Configuration | DA01672 / 1 | Manufacturer Vehicle Configuration Number | 0 |
| Original Test Group Name | VBMXV00.0N5C | Original Evaporative/Refueling Family | -- |
| Original Test Vehicle Model Year | 2027 | | |
| Vehicle Model | | | |
| Represented Test Vehicle Make | BMW | Represented Test Vehicle Model | iX3 50 xDrive (21" Summer Tires) |

Leak Family Details

| | | | |
|------------------------|----|------------------|----|
| Leak Family Identifier | -- | Leak Family Name | -- |
|------------------------|----|------------------|----|

Drive Sources and Fuel System Details

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

| | | | |
|------------------------------------|---------------------|---|-----------------|
| Hybrid Indicator | No | Multiple Fuel Combustion | -- |
| Multiple Fuel Storage | -- | Rechargeable Energy Storage System Indicator | Yes |
| Fuel Cell Indicator | No | Rechargeable Energy Storage System, if 'Other' | -- |
| Rechargeable Energy Storage System | Battery(s) | | |
| Off-board charge Capable Indicator | Yes | Odometer Correction Factor | 1 |
| Odometer Correction -- Initial | 0 | + = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles | |
| Odometer Correction Sign | | | |
| Odometer Correction Units | Miles | Rated Horsepower | 1 |
| Engine Code | XE2D11N0NA5X | Air Aspiration Method, if 'Other' | |
| Displacement (liters) | 0.001 | Air Aspiration Device Configuration | -- |
| Air Aspiration Method | Naturally Aspirated | Drive Mode While Testing | All Wheel Drive |
| Number of Air Aspiration Devices | -- | Aged Emission Components | 4,000 (mi) |
| Charge Air Cooler Type | -- | Equivalent Test Weight (pounds) | 5500 |
| Shift Indicator Light Usage | Not equipped | N/V Ratio | 1 |
| Curb Weight (lbs) | 5154 | # of Transmission Gears | 1 |
| GVWR (lbs) | 6228 | Creeper Gear | No |
| Axle Ratio | 1 | | |
| Transmission Type | Automatic | | |
| Transmission Lockup | No | | |

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 | 31.7 | 0.192 | 0.019 | 3.2 | 0.038 | 0.019 | 11.8 |
| US06 | 31.7 | 0.192 | 0.019 | 3.2 | 0.038 | 0.019 | N/A |

Certification Summary Information Report

| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | -- |
|---|---|------------------------------|----|
| Emission Control Device Comments | -- | | |
| Manufacturer Test Vehicle Comments | vi_DA01672_01_FEDV_iX3 50 xDrive (21" Summer Tires)_A_ETW-5500_RG52_default mode_D; Axle Ratio front: 8.8, rear: 9.6; N/V ratio front: 105, rear: 114.6; Power Peak front: 123kW, rear: 240kW | | |

Certification Summary Information Report

| | | | |
|--|---|---------------------------------------|------------------------------------|
| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | -- |
| Test # | VBMX10093034 | Test Procedure | 77 - Multi-Cycle Test (MCT) |
| Exhaust Test # for this Evap Test | -- | Test Fuel Type | 62 - Electricity |
| Test Date | 12/18/2025 | Fuel | Electricity |
| Fuel Batch ID | -- | Fuel Calibration Number | -- |
| Vehicle Class | LDV/Passenger Car | DF Type | Mfr. Assigned |
| Verify Test Lab ID | EETZ Emissions Lab | | |
| E10 Evaporative Test Measurement Method | -- | | |
| Test Start Odometer Reading | 12283 | Odometer Units | K |
| 4WD Test Dyno | Yes | Diesel Adjustment Factor Usage | -- |
| State of Charge Delta | Yes | | |
| Drive Cycle Speed Tolerance Criteria | Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec) | Road Speed Fan Usage | Yes |

PHEV/EV Charge Depleting Test Information

| | | | |
|--|---------|---|---------|
| Recharge Event Voltage | 230 | Recharge Event Energy (kiloWatt-hours) | 126.867 |
| Charge Depleting Range (Calculated miles) | 601.361 | Charge Depleting Range (Actual miles) | 601.361 |
| Charge Depleting Range Highway (Calculated miles) | 529.407 | Derived 5-Cycle Coefficient Model Year | -- |
| All Electric Range Unadjusted (miles) | -- | Equivalent All Electric Range (miles) | 601.361 |
| Number of Charge Depleting Bags/Phases Conducted | 8 | Transition Bag/Phase Number | -- |

Charge Depleting Bag/Phase #1

| Test Result/Emission Name | Unrounded Test Result |
|--|------------------------------|
| Actual Distance Driven (miles) | 7.434 |
| Carbon dioxide | 0 |
| Carbon-Related Exhaust Emissions | 0 |
| Drive Trace Absolute Speed Change Rating | 0.376 |
| Drive Trace Energy Economy Rating | 0.232 |
| Drive Trace Inertia Work Ratio Rating | 0.515 |
| Integrated DC KW-HRS | 1.4517 |
| Manufacturer Fuel Economy | 19.5278 |

Charge Depleting Bag/Phase #2

Certification Summary Information Report

| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | -- | | | | | | | | | | | | | | | | | | |
|---|-----------------------|------------------------------|----|---------------------------|-----------------------|--------------------------------|---------|----------------|---|----------------------------------|---|--|-------|-----------------------------------|--------|---------------------------------------|--------|----------------------|---------|---------------------------|---------|
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>10.237</td> </tr> <tr> <td>Carbon dioxide</td> <td>0</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>1.356</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-0.157</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>1.55</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>2.1939</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>21.43</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 10.237 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | 1.356 | Drive Trace Energy Economy Rating | -0.157 | Drive Trace Inertia Work Ratio Rating | 1.55 | Integrated DC KW-HRS | 2.1939 | Manufacturer Fuel Economy | 21.43 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 10.237 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | 1.356 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | -0.157 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | 1.55 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 2.1939 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 21.43 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #3 | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>7.424</td> </tr> <tr> <td>Carbon dioxide</td> <td>0</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>0.096</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>0.122</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-0.046</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.4177</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>19.0955</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 7.424 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | 0.096 | Drive Trace Energy Economy Rating | 0.122 | Drive Trace Inertia Work Ratio Rating | -0.046 | Integrated DC KW-HRS | 1.4177 | Manufacturer Fuel Economy | 19.0955 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 7.424 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | 0.096 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | 0.122 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | -0.046 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 1.4177 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 19.0955 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #4 | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>322.137</td> </tr> <tr> <td>Carbon dioxide</td> <td>0</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>99.99</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>99.99</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>99.99</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>87.3124</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>27.1041</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 322.137 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | 99.99 | Drive Trace Energy Economy Rating | 99.99 | Drive Trace Inertia Work Ratio Rating | 99.99 | Integrated DC KW-HRS | 87.3124 | Manufacturer Fuel Economy | 27.1041 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 322.137 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | 99.99 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | 99.99 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | 99.99 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 87.3124 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 27.1041 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #5 | | | | | | | | | | | | | | | | | | | | | |

Certification Summary Information Report

| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | -- | | | | | | | | | | | | | | | | | | |
|--|-----------------------|------------------------------|----|---------------------------|-----------------------|--------------------------------|--------|----------------|---|----------------------------------|---|--|--------|-----------------------------------|--------|---------------------------------------|--------|----------------------|--------|---------------------------|---------|
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>7.426</td> </tr> <tr> <td>Carbon dioxide</td> <td>0</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-1.009</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-1.141</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-1.791</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.3586</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>18.2947</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 7.426 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | -1.009 | Drive Trace Energy Economy Rating | -1.141 | Drive Trace Inertia Work Ratio Rating | -1.791 | Integrated DC KW-HRS | 1.3586 | Manufacturer Fuel Economy | 18.2947 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 7.426 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | -1.009 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | -1.141 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | -1.791 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 1.3586 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 18.2947 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #6 | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>10.235</td> </tr> <tr> <td>Carbon dioxide</td> <td>0</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-0.393</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-0.342</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-0.575</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>2.1468</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>20.9752</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 10.235 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | -0.393 | Drive Trace Energy Economy Rating | -0.342 | Drive Trace Inertia Work Ratio Rating | -0.575 | Integrated DC KW-HRS | 2.1468 | Manufacturer Fuel Economy | 20.9752 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 10.235 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | -0.393 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | -0.342 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | -0.575 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 2.1468 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 20.9752 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #7 | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>7.43</td> </tr> <tr> <td>Carbon dioxide</td> <td>0</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-0.771</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-0.805</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-1.461</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.3799</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>18.573</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 7.43 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | -0.771 | Drive Trace Energy Economy Rating | -0.805 | Drive Trace Inertia Work Ratio Rating | -1.461 | Integrated DC KW-HRS | 1.3799 | Manufacturer Fuel Economy | 18.573 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 7.43 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | -0.771 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | -0.805 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | -1.461 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 1.3799 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 18.573 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #8 | | | | | | | | | | | | | | | | | | | | | |

Certification Summary Information Report

| | | | |
|-------------------|--------------|-------------------------------------|----|
| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | -- |
|-------------------|--------------|-------------------------------------|----|

| Test Result/Emission Name | Unrounded Test Result |
|--|-----------------------|
| Actual Distance Driven (miles) | 55.343 |
| Carbon dioxide | 0 |
| Carbon-Related Exhaust Emissions | 0 |
| Drive Trace Absolute Speed Change Rating | 99.99 |
| Drive Trace Energy Economy Rating | 99.99 |
| Drive Trace Inertia Work Ratio Rating | 99.99 |
| Integrated DC KW-HRS | 14.9871 |
| Manufacturer Fuel Economy | 27.0805 |

Manufacturer Test Comments

01_ti_DA01672_01_FEDV_iX3 50 xDrive (21" Summer Tires)_A_ETW-5500_RG52_default mode_D; MCT UBE energy = 112248 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 | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |

Certification Summary Information Report

| | | | |
|-------------------|--------------|-------------------------------------|----|
| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | -- |
|-------------------|--------------|-------------------------------------|----|

Emission Data Vehicle Information

| | | | |
|----------------------------------|--------------|---|--------------------------------------|
| Vehicle ID / Configuration | DA01672 / 2 | Manufacturer Vehicle Configuration Number | 0 |
| Original Test Group Name | VBMXV00.0N5C | Original Evaporative/Refueling Family | -- |
| Original Test Vehicle Model Year | 2027 | | |
| Vehicle Model | | | |
| Represented Test Vehicle Make | BMW | Represented Test Vehicle Model | iX3 50 xDrive (20" All-Season Tires) |

Leak Family Details

| | | | |
|------------------------|----|------------------|----|
| Leak Family Identifier | -- | Leak Family Name | -- |
|------------------------|----|------------------|----|

Drive Sources and Fuel System Details

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

| | | | |
|------------------------------------|---|--|-----------------|
| Hybrid Indicator | No | | |
| Multiple Fuel Storage | -- | Multiple Fuel Combustion | -- |
| Fuel Cell Indicator | No | Rechargeable Energy Storage System Indicator | Yes |
| Rechargeable Energy Storage System | Battery(s) | Rechargeable Energy Storage System, if 'Other' | -- |
| Off-board charge Capable Indicator | Yes | | |
| Odometer Correction -- Initial | 0 | Odometer Correction Factor | 1 |
| Odometer Correction Sign | + = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles | | |
| Odometer Correction Units | Miles | | |
| Engine Code | XE2D11N0NA5X | Rated Horsepower | 1 |
| Displacement (liters) | 0.001 | | |
| Air Aspiration Method | Naturally Aspirated | Air Aspiration Method, if 'Other' | |
| Number of Air Aspiration Devices | -- | Air Aspiration Device Configuration | -- |
| Charge Air Cooler Type | -- | Drive Mode While Testing | All Wheel Drive |
| Shift Indicator Light Usage | Not equipped | Aged Emission Components | 4,000 (mi) |
| Curb Weight (lbs) | 5154 | Equivalent Test Weight (pounds) | 5500 |
| GVWR (lbs) | 6228 | N/V Ratio | 1 |
| Axle Ratio | 1 | | |
| Transmission Type | Automatic | # of Transmission Gears | 1 |
| Transmission Lockup | No | Creeper Gear | No |

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 | 34.5 | 0.199 | 0.01768 | 5.2 | 0.124 | 0.01666 | 11.8 |
| US06 | 34.5 | 0.199 | 0.01768 | 5.2 | 0.124 | 0.01666 | N/A |

Certification Summary Information Report

| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | -- |
|---|---|------------------------------|----|
| Emission Control Device Comments | -- | | |
| Manufacturer Test Vehicle Comments | vi_DA01672_02_FEDV_iX3 50 xDrive (20" All-Season Tires)_A_ETW-5500_RG53_default mode_D; Axle Ratio front: 8.8, rear: 9.6; N/V ratio front: 105, rear: 114.6; Power Peak front: 123kW, rear: 240kW | | |

Certification Summary Information Report

| | | | |
|--|---|---------------------------------------|------------------------------------|
| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | -- |
| Test # | VBMX10093035 | Test Procedure | 77 - Multi-Cycle Test (MCT) |
| Exhaust Test # for this Evap Test | -- | Test Fuel Type | 62 - Electricity |
| Test Date | 12/17/2025 | Fuel | Electricity |
| Fuel Batch ID | -- | Fuel Calibration Number | -- |
| Vehicle Class | LDV/Passenger Car | DF Type | Mfr. Assigned |
| Verify Test Lab ID | EETZ Emissions Lab | | |
| E10 Evaporative Test Measurement Method | -- | | |
| Test Start Odometer Reading | 11552 | Odometer Units | K |
| 4WD Test Dyno | Yes | Diesel Adjustment Factor Usage | -- |
| State of Charge Delta | Yes | | |
| Drive Cycle Speed Tolerance Criteria | Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec) | Road Speed Fan Usage | Yes |

PHEV/EV Charge Depleting Test Information

| | | | |
|--|---------|---|---------|
| Recharge Event Voltage | 230 | Recharge Event Energy (kiloWatt-hours) | 126.511 |
| Charge Depleting Range (Calculated miles) | 571.106 | Charge Depleting Range (Actual miles) | 571.106 |
| Charge Depleting Range Highway (Calculated miles) | 517.862 | Derived 5-Cycle Coefficient Model Year | -- |
| All Electric Range Unadjusted (miles) | -- | Equivalent All Electric Range (miles) | 571.106 |
| Number of Charge Depleting Bags/Phases Conducted | 8 | Transition Bag/Phase Number | -- |

Charge Depleting Bag/Phase #1

| Test Result/Emission Name | Unrounded Test Result |
|--|------------------------------|
| Actual Distance Driven (miles) | 7.432 |
| Carbon dioxide | 0 |
| Carbon-Related Exhaust Emissions | 0 |
| Drive Trace Absolute Speed Change Rating | 0.899 |
| Drive Trace Energy Economy Rating | 0.466 |
| Drive Trace Inertia Work Ratio Rating | 0.969 |
| Integrated DC KW-HRS | 1.5331 |
| Manufacturer Fuel Economy | 20.6298 |

Charge Depleting Bag/Phase #2

Certification Summary Information Report

| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | -- | | | | | | | | | | | | | | | | | | |
|---|-----------------------|------------------------------|----|---------------------------|-----------------------|--------------------------------|---------|----------------|---|----------------------------------|---|--|-------|-----------------------------------|-------|---------------------------------------|-------|----------------------|---------|---------------------------|---------|
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>10.234</td> </tr> <tr> <td>Carbon dioxide</td> <td>0</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>1.585</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>0.181</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>1.743</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>2.2405</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>21.8922</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 10.234 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | 1.585 | Drive Trace Energy Economy Rating | 0.181 | Drive Trace Inertia Work Ratio Rating | 1.743 | Integrated DC KW-HRS | 2.2405 | Manufacturer Fuel Economy | 21.8922 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 10.234 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | 1.585 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | 0.181 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | 1.743 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 2.2405 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 21.8922 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #3 | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>7.433</td> </tr> <tr> <td>Carbon dioxide</td> <td>0</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>0.123</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>0.565</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>0.308</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.4969</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>20.1393</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 7.433 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | 0.123 | Drive Trace Energy Economy Rating | 0.565 | Drive Trace Inertia Work Ratio Rating | 0.308 | Integrated DC KW-HRS | 1.4969 | Manufacturer Fuel Economy | 20.1393 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 7.433 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | 0.123 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | 0.565 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | 0.308 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 1.4969 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 20.1393 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #4 | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>323.803</td> </tr> <tr> <td>Carbon dioxide</td> <td>0</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>99.99</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>99.99</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>99.99</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>87.1806</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>26.9239</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 323.803 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | 99.99 | Drive Trace Energy Economy Rating | 99.99 | Drive Trace Inertia Work Ratio Rating | 99.99 | Integrated DC KW-HRS | 87.1806 | Manufacturer Fuel Economy | 26.9239 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 323.803 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | 99.99 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | 99.99 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | 99.99 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 87.1806 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 26.9239 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #5 | | | | | | | | | | | | | | | | | | | | | |

Certification Summary Information Report

| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | -- | | | | | | | | | | | | | | | | | | |
|--|-----------------------|------------------------------|----|---------------------------|-----------------------|--------------------------------|--------|----------------|---|----------------------------------|---|--|--------|-----------------------------------|--------|---------------------------------------|-------|----------------------|--------|---------------------------|---------|
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| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 7.43 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | -0.345 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | -0.499 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | -0.51 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 1.43 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 19.2473 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #6 | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>10.246</td> </tr> <tr> <td>Carbon dioxide</td> <td>0</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>0.366</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-0.323</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>0.406</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>2.1975</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>21.4485</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 10.246 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | 0.366 | Drive Trace Energy Economy Rating | -0.323 | Drive Trace Inertia Work Ratio Rating | 0.406 | Integrated DC KW-HRS | 2.1975 | Manufacturer Fuel Economy | 21.4485 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 10.246 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | 0.366 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | -0.323 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | 0.406 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 2.1975 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 21.4485 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #7 | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>7.435</td> </tr> <tr> <td>Carbon dioxide</td> <td>0</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-0.399</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-0.647</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-0.85</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.4515</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>19.5228</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 7.435 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | -0.399 | Drive Trace Energy Economy Rating | -0.647 | Drive Trace Inertia Work Ratio Rating | -0.85 | Integrated DC KW-HRS | 1.4515 | Manufacturer Fuel Economy | 19.5228 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 7.435 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | -0.399 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | -0.647 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | -0.85 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 1.4515 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 19.5228 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #8 | | | | | | | | | | | | | | | | | | | | | |

Certification Summary Information Report

| | | | |
|-------------------|--------------|-------------------------------------|----|
| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | -- |
|-------------------|--------------|-------------------------------------|----|

| Test Result/Emission Name | Unrounded Test Result |
|--|-----------------------|
| Actual Distance Driven (miles) | 54.7 |
| Carbon dioxide | 0 |
| Carbon-Related Exhaust Emissions | 0 |
| Drive Trace Absolute Speed Change Rating | 99.99 |
| Drive Trace Energy Economy Rating | 99.99 |
| Drive Trace Inertia Work Ratio Rating | 99.99 |
| Integrated DC KW-HRS | 14.6923 |
| Manufacturer Fuel Economy | 26.8598 |

Manufacturer Test Comments

03_ti_DA01672_02_FEDV_iX3 50 xDrive (20" All-Season Tires)_A_ETW-5500_RG53_default mode_D; MCT UBE energy = 112222 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 | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |

Certification Summary Information Report

| | | | |
|-------------------|--------------|-------------------------------------|----|
| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | -- |
|-------------------|--------------|-------------------------------------|----|

Emission Data Vehicle Information

| | | | |
|----------------------------------|--------------|---|--------------------------------------|
| Vehicle ID / Configuration | DA01672 / 3 | Manufacturer Vehicle Configuration Number | 0 |
| Original Test Group Name | VBMXV00.0N5C | Original Evaporative/Refueling Family | -- |
| Original Test Vehicle Model Year | 2027 | | |
| Vehicle Model | | | |
| Represented Test Vehicle Make | BMW | Represented Test Vehicle Model | iX3 50 xDrive (21" All-Season Tires) |

Leak Family Details

| | | | |
|------------------------|----|------------------|----|
| Leak Family Identifier | -- | Leak Family Name | -- |
|------------------------|----|------------------|----|

Drive Sources and Fuel System Details

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

| | | | |
|------------------------------------|---|--|-----------------|
| Hybrid Indicator | No | | |
| Multiple Fuel Storage | -- | Multiple Fuel Combustion | -- |
| Fuel Cell Indicator | No | Rechargeable Energy Storage System Indicator | Yes |
| Rechargeable Energy Storage System | Battery(s) | Rechargeable Energy Storage System, if 'Other' | -- |
| Off-board charge Capable Indicator | Yes | | |
| Odometer Correction -- Initial | 0 | Odometer Correction Factor | 1 |
| Odometer Correction Sign | + = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles | | |
| Odometer Correction Units | Miles | | |
| Engine Code | XE2D11N0NA5X | Rated Horsepower | 1 |
| Displacement (liters) | 0.001 | | |
| Air Aspiration Method | Naturally Aspirated | Air Aspiration Method, if 'Other' | |
| Number of Air Aspiration Devices | -- | Air Aspiration Device Configuration | -- |
| Charge Air Cooler Type | -- | Drive Mode While Testing | All Wheel Drive |
| Shift Indicator Light Usage | Not equipped | Aged Emission Components | 4,000 (mi) |
| Curb Weight (lbs) | 5154 | Equivalent Test Weight (pounds) | 5500 |
| GVWR (lbs) | 6228 | N/V Ratio | 1 |
| Axle Ratio | 1 | | |
| Transmission Type | Automatic | # of Transmission Gears | 1 |
| Transmission Lockup | No | Creeper Gear | No |

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 | 33.2 | 0.195 | 0.01869 | 3.3 | 0.039 | 0.01869 | 12 |
| US06 | 33.2 | 0.195 | 0.01869 | 3.3 | 0.039 | 0.01869 | N/A |

Certification Summary Information Report

| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | -- |
|---|---|------------------------------|----|
| Emission Control Device Comments | -- | | |
| Manufacturer Test Vehicle Comments | vi_DA01672_03_FEDV_iX3 50 xDrive (21" All-Season Tires)_A_ETW-5500_RG54_default mode_D; Axle Ratio front: 8.8, rear: 9.6; N/V ratio front: 105, rear: 114.6; Power Peak front: 123kW, rear: 240kW | | |

Certification Summary Information Report

| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | -- |
|--|---|---|------------------------------------|
| Test # | VBMX10093036 | Test Procedure | 77 - Multi-Cycle Test (MCT) |
| Exhaust Test # for this Evap Test | -- | Test Fuel Type | 62 - Electricity |
| Test Date | 01/13/2026 | Fuel | Electricity |
| Fuel Batch ID | -- | Fuel Calibration Number | -- |
| Vehicle Class | LDV/Passenger Car | DF Type | Mfr. Assigned |
| Verify Test Lab ID | EETZ Emissions Lab | | |
| E10 Evaporative Test Measurement Method | -- | | |
| Test Start Odometer Reading | 13746 | Odometer Units | K |
| 4WD Test Dyno | Yes | Diesel Adjustment Factor Usage | -- |
| State of Charge Delta | Yes | | |
| Drive Cycle Speed Tolerance Criteria | Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec) | Road Speed Fan Usage | Yes |
| PHEV/EV Charge Depleting Test Information | | | |
| Recharge Event Voltage | 230 | Recharge Event Energy (kiloWatt-hours) | 127.888 |
| Charge Depleting Range (Calculated miles) | 602.347 | Charge Depleting Range (Actual miles) | 602.347 |
| Charge Depleting Range Highway (Calculated miles) | 529.772 | Derived 5-Cycle Coefficient Model Year | -- |
| All Electric Range Unadjusted (miles) | -- | Equivalent All Electric Range (miles) | 602.347 |
| Number of Charge Depleting Bags/Phases Conducted | 8 | Transition Bag/Phase Number | -- |
| Charge Depleting Bag/Phase #1 | | | |
| Test Result/Emission Name | | Unrounded Test Result | |
| Actual Distance Driven (miles) | | 7.45 | |
| Carbon dioxide | | 0 | |
| Carbon-Related Exhaust Emissions | | 0 | |
| Drive Trace Absolute Speed Change Rating | | -0.047 | |
| Drive Trace Energy Economy Rating | | -0.139 | |
| Drive Trace Inertia Work Ratio Rating | | -0.378 | |
| Integrated DC KW-HRS | | 1.4428 | |
| Manufacturer Fuel Economy | | 19.3664 | |
| Charge Depleting Bag/Phase #2 | | | |

Certification Summary Information Report

| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | -- | | | | | | | | | | | | | | | | | | |
|---|-----------------------|------------------------------|----|---------------------------|-----------------------|--------------------------------|---------|----------------|---|----------------------------------|---|--|-------|-----------------------------------|--------|---------------------------------------|-------|----------------------|---------|---------------------------|---------|
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| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 10.261 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | 1.002 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | 0.263 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | 1.319 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 2.1865 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 21.3089 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #3 | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>7.459</td> </tr> <tr> <td>Carbon dioxide</td> <td>0</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>0.168</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-0.455</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>0.048</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.4141</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>18.9583</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 7.459 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | 0.168 | Drive Trace Energy Economy Rating | -0.455 | Drive Trace Inertia Work Ratio Rating | 0.048 | Integrated DC KW-HRS | 1.4141 | Manufacturer Fuel Economy | 18.9583 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 7.459 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | 0.168 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | -0.455 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | 0.048 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 1.4141 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 18.9583 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #4 | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>320.921</td> </tr> <tr> <td>Carbon dioxide</td> <td>0</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>99.99</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>99.99</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>99.99</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>86.4179</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>26.9281</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 320.921 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | 99.99 | Drive Trace Energy Economy Rating | 99.99 | Drive Trace Inertia Work Ratio Rating | 99.99 | Integrated DC KW-HRS | 86.4179 | Manufacturer Fuel Economy | 26.9281 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 320.921 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | 99.99 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | 99.99 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | 99.99 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 86.4179 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 26.9281 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #5 | | | | | | | | | | | | | | | | | | | | | |

Certification Summary Information Report

| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | -- | | | | | | | | | | | | | | | | | | |
|---|-----------------------|------------------------------|----|---------------------------|-----------------------|--------------------------------|-------|----------------|---|----------------------------------|---|--|--------|-----------------------------------|--------|---------------------------------------|--------|----------------------|--------|---------------------------|---------|
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>7.465</td> </tr> <tr> <td>Carbon dioxide</td> <td>0</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-2.449</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-3.038</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-3.678</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.3636</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>18.2669</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 7.465 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | -2.449 | Drive Trace Energy Economy Rating | -3.038 | Drive Trace Inertia Work Ratio Rating | -3.678 | Integrated DC KW-HRS | 1.3636 | Manufacturer Fuel Economy | 18.2669 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 7.465 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | -2.449 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | -3.038 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | -3.678 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 1.3636 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 18.2669 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #6 | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>10.25</td> </tr> <tr> <td>Carbon dioxide</td> <td>0</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-5.239</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-2.339</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-6.074</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>2.1444</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>20.9217</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 10.25 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | -5.239 | Drive Trace Energy Economy Rating | -2.339 | Drive Trace Inertia Work Ratio Rating | -6.074 | Integrated DC KW-HRS | 2.1444 | Manufacturer Fuel Economy | 20.9217 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 10.25 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | -5.239 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | -2.339 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | -6.074 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 2.1444 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 20.9217 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #7 | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>7.433</td> </tr> <tr> <td>Carbon dioxide</td> <td>0</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-3.408</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-3.768</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-4.949</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.372</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>18.4573</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 7.433 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | -3.408 | Drive Trace Energy Economy Rating | -3.768 | Drive Trace Inertia Work Ratio Rating | -4.949 | Integrated DC KW-HRS | 1.372 | Manufacturer Fuel Economy | 18.4573 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 7.433 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | -3.408 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | -3.768 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | -4.949 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 1.372 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 18.4573 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #8 | | | | | | | | | | | | | | | | | | | | | |

Certification Summary Information Report

| | | | |
|-------------------|--------------|-------------------------------------|----|
| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | -- |
|-------------------|--------------|-------------------------------------|----|

| Test Result/Emission Name | Unrounded Test Result |
|--|-----------------------|
| Actual Distance Driven (miles) | 57.838 |
| Carbon dioxide | 0 |
| Carbon-Related Exhaust Emissions | 0 |
| Drive Trace Absolute Speed Change Rating | 99.99 |
| Drive Trace Energy Economy Rating | 99.99 |
| Drive Trace Inertia Work Ratio Rating | 99.99 |
| Integrated DC KW-HRS | 15.5219 |
| Manufacturer Fuel Economy | 26.8371 |

Manufacturer Test Comments

04_ti_DA01672_03_FEDV_iX3 50 xDrive (21" All-Season Tires)_A_ETW-5500_RG54_default mode_D; MCT UBE energy = 111863 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 | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |

Certification Summary Information Report

| Test Group | VBMXV00.0N5C | | Evaporative/Refueling Family | -- | | | | | | | |
|---|---|--------------------|---|----------------------------------|--------------------|--|-----------------------|------|---|----------------|-------------|
| Emission Data Vehicle Information | | | | | | | | | | | |
| Vehicle ID / Configuration | DA01672 / 4 | | Manufacturer Vehicle Configuration Number | 0 | | | | | | | |
| Original Test Group Name | VBMXV00.0N5C | | Original Evaporative/Refueling Family | -- | | | | | | | |
| Original Test Vehicle Model Year | 2027 | | | | | | | | | | |
| Vehicle Model | | | | | | | | | | | |
| Represented Test Vehicle Make | BMW | | Represented Test Vehicle Model | iX3 50 xDrive (22" Summer Tires) | | | | | | | |
| Leak Family Details | | | | | | | | | | | |
| Leak Family Identifier | -- | | Leak Family Name | -- | | | | | | | |
| Drive Sources and Fuel System Details | | | | | | | | | | | |
| <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 | | | | | | | | | |
| Hybrid Indicator | No | | Multiple Fuel Combustion | -- | | | | | | | |
| Multiple Fuel Storage | -- | | Rechargeable Energy Storage System Indicator | Yes | | | | | | | |
| Fuel Cell Indicator | No | | Rechargeable Energy Storage System, if 'Other' | -- | | | | | | | |
| Rechargeable Energy Storage System | Battery(s) | | | | | | | | | | |
| Off-board charge Capable Indicator | Yes | | Odometer Correction Factor | 1 | | | | | | | |
| Odometer Correction -- Initial | 0 | | | | | | | | | | |
| Odometer Correction Sign | + = System Miles is equal to (Test odometer reading * Correction factor) + Initial system miles | | | | | | | | | | |
| Odometer Correction Units | Miles | | | | | | | | | | |
| Engine Code | XE2D11N0NA5X | | Rated Horsepower | 1 | | | | | | | |
| Displacement (liters) | 0.001 | | Air Aspiration Method, if 'Other' | | | | | | | | |
| Air Aspiration Method | Naturally Aspirated | | Air Aspiration Device Configuration | -- | | | | | | | |
| Number of Air Aspiration Devices | -- | | Drive Mode While Testing | All Wheel Drive | | | | | | | |
| Charge Air Cooler Type | -- | | Aged Emission Components | 4,000 (mi) | | | | | | | |
| Shift Indicator Light Usage | Not equipped | | Equivalent Test Weight (pounds) | 5500 | | | | | | | |
| Curb Weight (lbs) | 5154 | | N/V Ratio | 1 | | | | | | | |
| GVWR (lbs) | 6228 | | | | | | | | | | |
| Axle Ratio | 1 | | # of Transmission Gears | 1 | | | | | | | |
| Transmission Type | Automatic | | Creeper Gear | No | | | | | | | |
| Transmission Lockup | 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 | 31.5 | 0.191 | 0.01954 | 3.1 | 0.038 | | 0.01954 | | | | |
| US06 | 31.5 | 0.191 | 0.01954 | 3.1 | 0.038 | 0.01954 | 12 | | | | |
| | | | | | | | N/A | | | | |

Certification Summary Information Report

| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | -- |
|---|---|------------------------------|----|
| Emission Control Device Comments | -- | | |
| Manufacturer Test Vehicle Comments | vi_DA01672_04_FEDV_iX3 50 xDrive (22" Summer Tires)_A_ETW-5500_RG55_default mode_D; Axle Ratio front: 8.8, rear: 9.6; N/V ratio front: 105, rear: 114.6; Power Peak front: 123kW, rear: 240kW | | |

Certification Summary Information Report

| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | -- |
|--|---|---|------------------------------------|
| Test # | VBMX10093037 | Test Procedure | 77 - Multi-Cycle Test (MCT) |
| Exhaust Test # for this Evap Test | -- | Test Fuel Type | 62 - Electricity |
| Test Date | 12/16/2025 | Fuel | Electricity |
| Fuel Batch ID | -- | Fuel Calibration Number | -- |
| Vehicle Class | LDV/Passenger Car | DF Type | Mfr. Assigned |
| Verify Test Lab ID | EETZ Emissions Lab | | |
| E10 Evaporative Test Measurement Method | -- | | |
| Test Start Odometer Reading | 10875 | Odometer Units | K |
| 4WD Test Dyno | Yes | Diesel Adjustment Factor Usage | -- |
| State of Charge Delta | Yes | | |
| Drive Cycle Speed Tolerance Criteria | Used Part 1066 (+/- 2.0 mph, +/- 1.0 sec) | Road Speed Fan Usage | Yes |
| PHEV/EV Charge Depleting Test Information | | | |
| Recharge Event Voltage | 230 | Recharge Event Energy (kiloWatt-hours) | 126.73 |
| Charge Depleting Range (Calculated miles) | 594.179 | Charge Depleting Range (Actual miles) | 594.179 |
| Charge Depleting Range Highway (Calculated miles) | 518.692 | Derived 5-Cycle Coefficient Model Year | -- |
| All Electric Range Unadjusted (miles) | -- | Equivalent All Electric Range (miles) | 594.179 |
| Number of Charge Depleting Bags/Phases Conducted | 8 | Transition Bag/Phase Number | -- |
| Charge Depleting Bag/Phase #1 | | | |
| Test Result/Emission Name | | Unrounded Test Result | |
| Actual Distance Driven (miles) | | 7.455 | |
| Carbon dioxide | | 0 | |
| Carbon-Related Exhaust Emissions | | 0 | |
| Drive Trace Absolute Speed Change Rating | | -0.13 | |
| Drive Trace Energy Economy Rating | | -0.381 | |
| Drive Trace Inertia Work Ratio Rating | | -0.008 | |
| Integrated DC KW-HRS | | 1.4816 | |
| Manufacturer Fuel Economy | | 19.8747 | |
| Charge Depleting Bag/Phase #2 | | | |

Certification Summary Information Report

| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | -- | | | | | | | | | | | | | | | | | | |
|---|-----------------------|------------------------------|----|---------------------------|-----------------------|--------------------------------|---------|----------------|---|----------------------------------|---|--|--------|-----------------------------------|--------|---------------------------------------|-------|----------------------|---------|---------------------------|---------|
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| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 10.268 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | 0.099 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | -0.079 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | 0.403 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 2.2412 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 21.8267 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #3 | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>7.462</td> </tr> <tr> <td>Carbon dioxide</td> <td>0</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-0.229</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-0.529</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>0.038</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.4281</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>19.1377</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 7.462 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | -0.229 | Drive Trace Energy Economy Rating | -0.529 | Drive Trace Inertia Work Ratio Rating | 0.038 | Integrated DC KW-HRS | 1.4281 | Manufacturer Fuel Economy | 19.1377 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 7.462 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | -0.229 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | -0.529 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | 0.038 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 1.4281 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 19.1377 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #4 | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>314.408</td> </tr> <tr> <td>Carbon dioxide</td> <td>0</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>99.99</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>99.99</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>99.99</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>86.9454</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>27.6537</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 314.408 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | 99.99 | Drive Trace Energy Economy Rating | 99.99 | Drive Trace Inertia Work Ratio Rating | 99.99 | Integrated DC KW-HRS | 86.9454 | Manufacturer Fuel Economy | 27.6537 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 314.408 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | 99.99 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | 99.99 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | 99.99 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 86.9454 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 27.6537 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #5 | | | | | | | | | | | | | | | | | | | | | |

Certification Summary Information Report

| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | -- | | | | | | | | | | | | | | | | | | |
|--|-----------------------|------------------------------|----|---------------------------|-----------------------|--------------------------------|--------|----------------|---|----------------------------------|---|--|--------|-----------------------------------|--------|---------------------------------------|--------|----------------------|--------|---------------------------|---------|
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>7.418</td> </tr> <tr> <td>Carbon dioxide</td> <td>0</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-0.597</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>0.073</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-0.503</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.3778</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>18.5731</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 7.418 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | -0.597 | Drive Trace Energy Economy Rating | 0.073 | Drive Trace Inertia Work Ratio Rating | -0.503 | Integrated DC KW-HRS | 1.3778 | Manufacturer Fuel Economy | 18.5731 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 7.418 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | -0.597 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | 0.073 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | -0.503 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 1.3778 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 18.5731 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #6 | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>10.254</td> </tr> <tr> <td>Carbon dioxide</td> <td>0</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>-0.249</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>-0.188</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>-0.156</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>2.1997</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>21.4534</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 10.254 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | -0.249 | Drive Trace Energy Economy Rating | -0.188 | Drive Trace Inertia Work Ratio Rating | -0.156 | Integrated DC KW-HRS | 2.1997 | Manufacturer Fuel Economy | 21.4534 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 10.254 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | -0.249 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | -0.188 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | -0.156 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 2.1997 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 21.4534 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #7 | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Test Result/Emission Name</th> <th>Unrounded Test Result</th> </tr> </thead> <tbody> <tr> <td>Actual Distance Driven (miles)</td> <td>7.424</td> </tr> <tr> <td>Carbon dioxide</td> <td>0</td> </tr> <tr> <td>Carbon-Related Exhaust Emissions</td> <td>0</td> </tr> <tr> <td>Drive Trace Absolute Speed Change Rating</td> <td>0.013</td> </tr> <tr> <td>Drive Trace Energy Economy Rating</td> <td>0.161</td> </tr> <tr> <td>Drive Trace Inertia Work Ratio Rating</td> <td>0.098</td> </tr> <tr> <td>Integrated DC KW-HRS</td> <td>1.4048</td> </tr> <tr> <td>Manufacturer Fuel Economy</td> <td>18.9222</td> </tr> </tbody> </table> | | | | Test Result/Emission Name | Unrounded Test Result | Actual Distance Driven (miles) | 7.424 | Carbon dioxide | 0 | Carbon-Related Exhaust Emissions | 0 | Drive Trace Absolute Speed Change Rating | 0.013 | Drive Trace Energy Economy Rating | 0.161 | Drive Trace Inertia Work Ratio Rating | 0.098 | Integrated DC KW-HRS | 1.4048 | Manufacturer Fuel Economy | 18.9222 |
| Test Result/Emission Name | Unrounded Test Result | | | | | | | | | | | | | | | | | | | | |
| Actual Distance Driven (miles) | 7.424 | | | | | | | | | | | | | | | | | | | | |
| Carbon dioxide | 0 | | | | | | | | | | | | | | | | | | | | |
| Carbon-Related Exhaust Emissions | 0 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Absolute Speed Change Rating | 0.013 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Energy Economy Rating | 0.161 | | | | | | | | | | | | | | | | | | | | |
| Drive Trace Inertia Work Ratio Rating | 0.098 | | | | | | | | | | | | | | | | | | | | |
| Integrated DC KW-HRS | 1.4048 | | | | | | | | | | | | | | | | | | | | |
| Manufacturer Fuel Economy | 18.9222 | | | | | | | | | | | | | | | | | | | | |
| Charge Depleting Bag/Phase #8 | | | | | | | | | | | | | | | | | | | | | |

Certification Summary Information Report

| | | | |
|-------------------|--------------|-------------------------------------|----|
| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | -- |
|-------------------|--------------|-------------------------------------|----|

| Test Result/Emission Name | Unrounded Test Result |
|--|-----------------------|
| Actual Distance Driven (miles) | 54.931 |
| Carbon dioxide | 0 |
| Carbon-Related Exhaust Emissions | 0 |
| Drive Trace Absolute Speed Change Rating | 99.99 |
| Drive Trace Energy Economy Rating | 99.99 |
| Drive Trace Inertia Work Ratio Rating | 99.99 |
| Integrated DC KW-HRS | 15.1666 |
| Manufacturer Fuel Economy | 27.6104 |

Manufacturer Test Comments 05_ti_DA01672_04_FEDV_iX3 50 xDrive (22" Summer Tires)_A_ETW-5500_RG55_default mode_D; MCT UBE energy = 112245 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 | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |
| Fed | 120,000 miles | Other | CREE | 0 | -- | -- | -- | -- | 1 | 0 | -- | -- |

Fuel Properties

Certification Summary Information Report

| | | | | | | | | | |
|---------------------------------------|----------------------|-------------------------------------|------------------------|--------------------|--|--|----------------|---------------|------------|
| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | -- | | | | | | |
| Consolidated List of Standards | | | | | | | | | |
| Exhaust Standards | | | | | | | | | |
| Cert Region | Federal | Cert/In-Use Code | Cert | | | | | | |
| Vehicle Class | LDV/Passenger Car | Standard Level | Other | | | | | | |
| Fuel | Electricity | Test Procedure | Multi-Cycle Test (MCT) | | | | | | |
| 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 | CREE | -- | -- | -- | -- | -- | 1 | -- | 0 |
| 150,000 miles | CO | -- | -- | -- | -- | -- | 1 | -- | 0 |

Certification Summary Information Report

| Test Group | VBMXV00.0N5C | 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 | AS-VOLT | Average System Voltage |
| CO | Carbon Monoxide | CO2 BAG 1 | Bag 1 Carbon Dioxide |
| CO2 | Carbon dioxide | CO2 BAG 2 | Bag 2 Carbon Dioxide |
| CREE | Carbon-Related Exhaust Emissions | CO2 BAG 3 | Bag 3 Carbon Dioxide |
| OPT-CREE | Optional Carbon-Related Exhaust Emissions | CO2 BAG 4 | Bag 4 Carbon Dioxide |
| NOX | Nitrogen Oxide | NMOG+NOX | Non-methane organic gases plus Nitrogen Oxides |
| PM | Particulate Matter | NMOG+NOX-COMP | SFTP Composite Non-methane Organic Gases + Nitrogen Oxides |
| PM-COMP | SFTP Composite Particulate Matter | DT-IWRR | Drive Trace Inertia Work Ratio Rating |
| HC-NM | Non-methane Hydrocarbon | DT-ASCR | Drive Trace Absolute Speed Change Rating |
| OMHCE | Organic material Hydrocarbon Equivalent | DT-EER | Drive Trace Energy Economy Rating |
| OMNMHCE | Organic material non-methane HC equivalent | COMB-CREE | Combined Carbon-Related Exhaust Emissions |
| NMOG | Non-methane organic gases | COMB-OPT-CREE | Combined Optional Carbon-Related Exhaust Emissions |
| HCHO | Formaldehyde | HC-TOTAL-EQUIV | Total Hydrocarbon equivalent - Evap only |
| H3C2HO | Acetaldehyde | METHANE-COMB | Combined CH4 for HD 2b/3 vehicles only |
| HC-NM+NOX | SFTP Non-methane Hydrocarbon + Nitrogen Oxides for US06 or SC03 | N2O-COMB | Combined Nitrous Oxide for HD 2b/3 vehicles only |
| HC-NM+NOX-COMP | SFTP Composite Non-methane Hydrocarbon + Nitrogen Oxides | LEAK-DIA | Effective Leak Diameter (inches) |
| CO-COMP | SFTP Composite Carbon Monoxide | LEAK-GAS CAP | Gas Cap Leakage (cc/min) |
| ETHANOL | C2H5OH - Ethanol | CO2-COMB | Combined Carbon Dioxide for HD 2b/3 Vehicles Only |
| FE BAG 1 | Bag 1 Fuel Economy | KW-HRS | Integrated DC KW-HRS |
| FE BAG 2 | Bag 2 Fuel Economy | CH4 BAG 1 | Bag 1 Methane |
| FE BAG 3 | Bag 3 Fuel Economy | CH4 BAG 2 | Bag 2 Methane |
| FE BAG 4 | Bag 4 Fuel Economy | CH4 BAG 3 | Bag 3 Methane |
| MFR FE | Manufacturer Fuel Economy | CH4 BAG 4 | Bag 4 Methane |
| HC | Hydrocarbon for Running Loss and ORVR | CO BAG 1 | Bag 1 Carbon Monoxide |
| METHANE | CH4 - Methane | CO BAG 2 | Bag 2 Carbon Monoxide |
| METHANOL | CH3OH - Methanol | CO BAG 3 | Bag 3 Carbon Monoxide |
| N2O | Nitrous Oxide | CO BAG 4 | Bag 4 Carbon Monoxide |
| SPITBACK | Spitback Hydrocarbon in grams | NMOG BAG 1 | Bag 1 Non-methane organic gases |
| AMP-HRS | Integrated Amp-hours | NMOG BAG 2 | Bag 2 Non-methane organic gases |
| START-SOC | System Start State of Charge Watt-hours | NMOG BAG 3 | Bag 3 Non-methane organic gases |
| END-SOC | System End State of Charge Watt-hours | NMOG BAG 4 | Bag 4 Non-methane organic gases |
| ACT-DISTANCE | Actual Distance Driven (miles) | | |

Certification Summary Information Report

| Test Group | VBMXV00.0N5C | Evaporative/Refueling Family | |
|--|---|------------------------------|--|
| CA | California + CAA Section 177 states | FA | Federal |
| Exhaust Emission Standard Level | | | |
| B1 | Federal Tier 2 Bin 1 | T3B160 | Federal Tier 3 Bin 160 |
| B2 | Federal Tier 2 Bin 2 | T3B125 | Federal Tier 3 Bin 125 |
| B3 | Federal Tier 2 Bin 3 | T3B110 | Federal Tier 3 Transitional Bin 110 |
| B4 | Federal Tier 2 Bin 4 | T3B85 | Federal Tier 3 Transitional Bin 85 |
| B5 | Federal Tier 2 Bin 5 | T3SULEV30 | Federal Tier 3 Transitional LEV-II SULEV30 Carryover |
| B6 | Federal Tier 2 Bin 6 | T3B70 | Federal Tier 3 Bin 70 |
| B7 | Federal Tier 2 Bin 7 | T3B50 | Federal Tier 3 Bin 50 |
| B8 | Federal Tier 2 Bin 8 | T3B30 | Federal Tier 3 Bin 30 |
| B9 | Federal Tier 2 Bin 9 | T3B20 | Federal Tier 3 Bin 20 |
| B10 | Federal Tier 2 Bin 10 | T3B0 | Federal Tier 3 Bin 0 |
| B11 | Federal Tier 2 Bin 11 | HDV2B395 | Federal Tier 3 HD Class 2b Transitional Bin 395 |
| HDV1 | HDV1 (Federal HD chassis Class 2b GVW 8501-10000) | HDV2B340 | Federal Tier 3 HD Class 2b Transitional Bin 340 |
| HDV2 | HDV2 (Federal HD chassis Class 3 GVW 10001-14000) | HDV2B250 | Federal Tier 3 HD Class 2b Bin 250 |
| L2 | California LEV-II LEV | HDV2B200 | Federal Tier 3 HD Class 2b Bin 200 |
| L2OP | California LEV-II LEV Optional | HDV2B170 | Federal Tier 3 HD Class 2b Bin 170 |
| U2 | California LEV-II ULEV | HDV2B150 | Federal Tier 3 HD Class 2b Bin 150 |
| S2 | California LEV-II SULEV | HDV2B0 | Federal Tier 3 HD Class 2b Bin 0 |
| ZEV | California ZEV | HDV3B630 | Federal Tier 3 HD Class 3 Transitional Bin 630 |
| OT | Other | HDV3B570 | Federal Tier 3 HD Class 3 Transitional Bin 570 |
| T1 | Federal Tier 1 | HDV3B400 | Federal Tier 3 HD Class 3 Bin 400 |
| PZEV | California PZEV | HDV3B270 | Federal Tier 3 HD Class 3 Bin 270 |
| L2LEV160 | California LEV-II LEV160 | HDV3B230 | Federal Tier 3 HD Class 3 Bin 230 |
| L2ULEV125 | California LEV-II ULEV125 | HDV3B200 | Federal Tier 3 HD Class 3 Bin 200 |
| L2SULEV30 | California LEV-II SULEV30 | HDV3B0 | Federal Tier 3 HD Class 3 Bin 0 |
| L2LEV395 | California LEV-II LEV395 | L4SULEV100 | California LEV-IV SULEV100 |
| L2ULEV340 | California LEV-II ULEV340 | L4SULEV125 | California LEV-IV SULEV125 |
| L2LEV630 | California LEV-II LEV630 | L4SULEV15 | California LEV-IV SULEV15 |
| L2ULEV570 | California LEV-II ULEV570 | L4SULEV150 | California LEV-IV SULEV150 |
| L3LEV160 | California LEV-III LEV160 | L4SULEV170 | California LEV-IV SULEV170 |
| L3ULEV125 | California LEV-III ULEV125 | L4SULEV175 | California LEV-IV SULEV175 |
| L3ULEV70 | California LEV-III ULEV70 | L4SULEV20 | California LEV-IV SULEV20 |
| L3ULEV50 | California LEV-III ULEV50 | L4SULEV200 | California LEV-IV SULEV200 |
| L3SULEV30 | California LEV-III SULEV30 | L4SULEV230 | California LEV-IV SULEV230 |
| L3SULEV20 | California LEV-III SULEV20 | L4SULEV25 | California LEV-IV SULEV25 |
| L3LEV395 | California LEV-III LEV395 | L4SULEV30 | California LEV-IV SULEV30 |
| L3ULEV340 | California LEV-III ULEV340 | L4SULEV75 | California LEV-IV SULEV75 |
| L3ULEV250 | California LEV-III ULEV250 | L4SULEV85 | California LEV-IV SULEV85 |
| L3ULEV200 | California LEV-III ULEV200 | L4ULEV125 | California LEV-IV ULEV125 |

Certification Summary Information Report

| Test Group | | VBMXV00.0N5C | Evaporative/Refueling Family | | -- |
|--------------------------------------|---|--------------|------------------------------|--|----|
| L3SULEV170 | California LEV-III SULEV170 | | L4ULEV200 | California LEV-IV ULEV200 | |
| L3SULEV150 | California LEV-III SULEV150 | | L4ULEV250 | California LEV-IV ULEV250 | |
| L3LEV630 | California LEV-III LEV630 | | L4ULEV270 | California LEV-IV ULEV270 | |
| L3ULEV570 | California LEV-III ULEV570 | | L4ULEV40 | California LEV-IV ULEV40 | |
| L3ULEV400 | California LEV-III ULEV400 | | L4ULEV400 | California LEV-IV ULEV400 | |
| L3ULEV270 | California LEV-III ULEV270 | | L4ULEV50 | California LEV-IV ULEV50 | |
| L3SULEV230 | California LEV-III SULEV230 | | L4ULEV60 | California LEV-IV ULEV60 | |
| L3SULEV200 | California LEV-III SULEV200 | | L4ULEV70 | California LEV-IV ULEV70 | |
| Transmission Type Code | | | | | |
| 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) | |
| Drive System Code | | | | | |
| 4 | 4-Wheel Drive | | P | Part-time 4-Wheel Drive | |
| F | 2-Wheel Drive, Front | | A | All Wheel Drive | |
| R | 2-Wheel Drive, Rear | | | | |
| 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 | |