



Application for Certification

VJLXT03.0HTV

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**Range Rover, Range Rover
Sport**

Part 1

Issued: 03/24/26

Application for Emissions Certification

Model Year: 2027

Durability Group: VJLXGPGNNHTV
Evaporative Family: VJLXR0175P1B
Test Group: VJLXT03.0HTV
Summary Sheet No: CSI-VJLXT03.0HTV-VJLXR0175P1B

Durability Group Description: I6, Otto Cycle
Premium Only Gasoline Fuelled MHEV
Sequential Fuel Injection
Ceramic Monolith Pd/Rh Catalyst

Test Group Description: 3.0 litre I6 Turbocharged MHEV

Applicable Standards: Federal LDT4 – Interim Tier 4 Bin 30
California LDT2 – LEV IV SULEV30

Carline Covered: 305: Range Rover 360PS
306: Range Rover 400PS
307: Range Rover LWB 400PS
308: Range Rover LWB 360PS
229: Range Rover Sport 360PS
230: Range Rover Sport 400PS

EPA & CARB Response Requested By: June 22nd 2026

For questions, Contact: Vahakn Varjabedian (201) 818 – 8139
Amy Brambill abrambil@jaguarlandrover.com

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**5. Test Group Description**

- | | | |
|--------|--------------------------------------|--|
| 5.1. | Test Group name | VJLXT03.0HTV |
| 5.2. | Summary Sheet number | CSI-VJLXT03.0HTV – VJLXR0175P1B |
| 5.3. | Engine displacement | 2996 cm ³ |
| 5.4. | Arrangement and number of cylinders: | |
| 5.4.1. | Arrangement of cylinders: | In-line Configuration. |
| 5.4.2. | Number of cylinders: | 6 |
| 5.5. | Emission standards | |
| 5.5.1. | Vehicle class covered | Federal– LDT4 California – LDT2 |
| 5.5.2. | Participation in NLEV | Not applicable |
| 5.5.3. | Emission standards class | Federal – Interim Tier 4 Bin 30
California – LEV IV SULEV30 |
| 5.5.4. | Applicable emission standards | Refer to Enclosure 1 of Section 7. |

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6. Test Vehicle Description**6.1. Test Vehicles**

Carline	Test Vehicle No.	Cfg. No.	Engine Displ. (cm ³)	Emission Control System	Engine Code	Trans	ETW	Axle Ratio	Remarks
307	3KSVP014	00	2996	WR-H02S/GPF/TWC/HO2S (2)/DFI/TC/SCE/CAC	3.0AJMH-19	S8	6000	3.55	Range Rover LWB EDV & DDV
307	3KSPV013	01	2996	WR-H02S/GPF/TWC/HO2S (2)/DFI/TC/SCE/CAC	3.0AJMH-19	S8	6000	3.55	Range Rover FEDV
230	3KSVP013	00	2996	WR-H02S/GPF/TWC/HO2S (2)/DFI/TC/SCE/CAC	3.0AJMH-19	S8	5500	3.55	Range Rover Sport FEDV
312	3KMVP032	00	4395	2WR-HO2S/2TWC/2HO2S/DFI/2TC/2CAC	4.4NC10-22	S8	6500	3.31	Evaps EDV

For complete vehicle descriptions, refer to Vehicle Information submitted to the EPA Central Data Exchange (CDX) EV-CIS System, or to the Summary Sheet enclosed in Section 7 of this application.



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6.1.1. Test Vehicle Description (EV-CIS VI outputs)

Test Vehicle Information Submission

Test Vehicle Information Details

Information Process Code : N**EPA Manufacturer Code : JLX****Vehicle Identification Text : 3KSPV014****Vehicle Configuration Number : 0**

Vehicle Configuration Details

Vehicle Description Details

Manufacturer Vehicle Configuration Number : 0**Test Group Name : SJLXT03.0HTV****Evaporative Refueling Family Name : SJLXR0175P1B****Model Year : 2025****Actual Test Vehicle Make Text : Land Rover****Actual Test Vehicle Model Text : Range Rover LWB MHEV**

Drive Source Details

Drive Source Identifier : E**Fuel Identifier : EL**

Drive Source Details

Drive Source Identifier : C**Fuel Identifier : G****Fuel Cell Indicator : N****Rechargeable Energy Storage System Indicator : Y****Rechargeable Energy Storage Device Identifier : B****Off Board Charge Capability Indicator : Y****Test Drive Code : 4****Shift Indicator Light Usage Identifier : 1****Aged Component Usage Identifier : 4**

Odometer Correction Details

Correction Initial Value : 0**Correction Factor Value : 1.00****Correction Sign Identifier : -****Correction Units Code : M****Engine Code Text : 3.0AJMH-19****Engine Rated Horsepower Value : 400****Engine Displacement Value : 3.0**

Air Aspiration Details



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Air Aspiration Method Identifier : TS
Air Aspiration Device Count : 2
Air Aspiration Configuration Identifier : PS

Charge Air Cooler Identifier : L
Vehicle Specifications Details
Curb Weight Value : 5820
Equivalent Test Weight Value : 6000
Gross Vehicle Weight Rating Value : 7450
NV Ratio Value : 24.7
Axle Ratio Value : 3.55

Transmission Specifications Details
Light Duty Transmission Type Identifier : SA
Transmission Lockup Indicator : Y
Transmission Creeper Gear Indicator : N
Transmission Gear Count : 8

Target Set Coefficient Details
Test Procedure Dynamometer Coefficients Category : C-H-E
Target CoefficientA Value : 46.5
Target CoefficientB Value : -0.025
Target CoefficientC Value : 0.034694
Set CoefficientA Value : -3.035
Set CoefficientB Value : -0.17221
Set CoefficientC Value : 0.030615

Target Set Coefficient Details
Test Procedure Dynamometer Coefficients Category : US06
Target CoefficientA Value : 46.5
Target CoefficientB Value : -0.025
Target CoefficientC Value : 0.034694
Set CoefficientA Value : -3.035
Set CoefficientB Value : -0.17221
Set CoefficientC Value : 0.030615

Target Set Coefficient Details
Test Procedure Dynamometer Coefficients Category : Cold-CO
Target CoefficientA Value : 46.5
Target CoefficientB Value : -0.025
Target CoefficientC Value : 0.034694
Set CoefficientA Value : -3.035



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Set CoefficientB Value : -0.17221
Set CoefficientC Value : 0.030615

Manufacturer Comment Text : Range Rover LWB 3.0L MHEV EDV. 275/55R20
Michelin Primacy Tires.

EPA Generated Test Vehicle Details

Original Receipt Date : 20240605
Hybrid Vehicle Indicator : Y
Adjusted Loaded Vehicle Weight Value : 6635
Loaded Vehicle Weight Value : 6120
Total Road Load Horsepower Value : 17.6

Transaction Status Details

Transaction Status Identifier : ACCEPTED



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Test Vehicle Information Submission

Test Vehicle Information Details

Information Process Code : N**EPA Manufacturer Code : JLX****Vehicle Identification Text : 3KSPV013****Vehicle Configuration Number : 0**

Vehicle Configuration Details

Vehicle Description Details

Manufacturer Vehicle Configuration Number : 1**Test Group Name : SJLXT03.0HTV****Evaporative Refueling Family Name : SJLXR0175P1B****Model Year : 2025****Actual Test Vehicle Make Text : Land Rover****Actual Test Vehicle Model Text : Range Rover MHEV**

Drive Source Details

Drive Source Identifier : E**Fuel Identifier : EL**

Drive Source Details

Drive Source Identifier : C**Fuel Identifier : G****Fuel Cell Indicator : N****Rechargeable Energy Storage System Indicator : Y****Rechargeable Energy Storage Device Identifier : B****Off Board Charge Capability Indicator : Y****Test Drive Code : 4****Shift Indicator Light Usage Identifier : 1****Aged Component Usage Identifier : 4**

Odometer Correction Details

Correction Initial Value : 0**Correction Factor Value : 1.00****Correction Sign Identifier : -****Correction Units Code : M****Engine Code Text : 3.0AJMH-19****Engine Rated Horsepower Value : 400****Engine Displacement Value : 3.0**

Air Aspiration Details



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Air Aspiration Method Identifier : TS
Air Aspiration Device Count : 2
Air Aspiration Configuration Identifier : PS

Charge Air Cooler Identifier : L
Vehicle Specifications Details
Curb Weight Value : 5820
Equivalent Test Weight Value : 6000
Gross Vehicle Weight Rating Value : 7450
NV Ratio Value : 24.7
Axle Ratio Value : 3.55

Transmission Specifications Details
Light Duty Transmission Type Identifier : SA
Transmission Lockup Indicator : Y
Transmission Creeper Gear Indicator : N
Transmission Gear Count : 8

Target Set Coefficient Details
Test Procedure Dynamometer Coefficients Category : C-H-E
Target CoefficientA Value : 42.219
Target CoefficientB Value : 0.09841
Target CoefficientC Value : 0.030877
Set CoefficientA Value : -5.823
Set CoefficientB Value : 0.07634
Set CoefficientC Value : 0.028973

Target Set Coefficient Details
Test Procedure Dynamometer Coefficients Category : US06
Target CoefficientA Value : 42.219
Target CoefficientB Value : 0.09841
Target CoefficientC Value : 0.030877
Set CoefficientA Value : -5.823
Set CoefficientB Value : 0.07634
Set CoefficientC Value : 0.028973

Target Set Coefficient Details
Test Procedure Dynamometer Coefficients Category : Cold-CO
Target CoefficientA Value : 42.219
Target CoefficientB Value : 0.09841
Target CoefficientC Value : 0.030877
Set CoefficientA Value : -5.823



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Set CoefficientB Value : 0.07634
Set CoefficientC Value : 0.028973

Manufacturer Comment Text : Range Rover LWB 3.0L MHEV FEDV. 275/50R21
Michelin Primacy Tires.

EPA Generated Test Vehicle Details
Original Receipt Date : 20240605
Hybrid Vehicle Indicator : Y
Adjusted Loaded Vehicle Weight Value : 6635
Loaded Vehicle Weight Value : 6120
Total Road Load Horsepower Value : 16.6

Transaction Status Details
Transaction Status Identifier : ACCEPTED



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Test Vehicle Information Submission

Test Vehicle Information Details

Information Process Code : N**EPA Manufacturer Code : JLX****Vehicle Identification Text : 3KSPV013****Vehicle Configuration Number : 1**

Vehicle Configuration Details

Vehicle Description Details

Manufacturer Vehicle Configuration Number : 0**Test Group Name : SJLXT03.0HTV****Evaporative Refueling Family Name : SJLXR0175P1B****Model Year : 2025****Actual Test Vehicle Make Text : Land Rover****Actual Test Vehicle Model Text : Range Rover Sport MHEV**

Drive Source Details

Drive Source Identifier : E**Fuel Identifier : EL**

Drive Source Details

Drive Source Identifier : C**Fuel Identifier : G****Fuel Cell Indicator : N****Rechargeable Energy Storage System Indicator : Y****Rechargeable Energy Storage Device Identifier : B****Off Board Charge Capability Indicator : Y****Test Drive Code : 4****Shift Indicator Light Usage Identifier : 1****Aged Component Usage Identifier : 4**

Odometer Correction Details

Correction Initial Value : 0**Correction Factor Value : 1.00****Correction Sign Identifier : -****Correction Units Code : M****Engine Code Text : 3.0AJMH-19****Engine Rated Horsepower Value : 400****Engine Displacement Value : 3.0**

Air Aspiration Details



Air Aspiration Method Identifier : TS
Air Aspiration Device Count : 2
Air Aspiration Configuration Identifier : PS

Charge Air Cooler Identifier : L
Vehicle Specifications Details
Curb Weight Value : 5430
Equivalent Test Weight Value : 5500
Gross Vehicle Weight Rating Value : 7095
NV Ratio Value : 24.7
Axle Ratio Value : 3.55

Transmission Specifications Details
Light Duty Transmission Type Identifier : SA
Transmission Lockup Indicator : Y
Transmission Creeper Gear Indicator : N
Transmission Gear Count : 8

Target Set Coefficient Details
Test Procedure Dynamometer Coefficients Category : Cold-CO
Target CoefficientA Value : 41.859
Target CoefficientB Value : -0.01592
Target CoefficientC Value : 0.030510
Set CoefficientA Value : -11.162
Set CoefficientB Value : 0.07272
Set CoefficientC Value : 0.027203

Target Set Coefficient Details
Test Procedure Dynamometer Coefficients Category : C-H-E
Target CoefficientA Value : 41.859
Target CoefficientB Value : -0.01592
Target CoefficientC Value : 0.030510
Set CoefficientA Value : -11.162
Set CoefficientB Value : 0.07272
Set CoefficientC Value : 0.027203

Target Set Coefficient Details
Test Procedure Dynamometer Coefficients Category : US06
Target CoefficientA Value : 41.859
Target CoefficientB Value : -0.01592
Target CoefficientC Value : 0.030510
Set CoefficientA Value : -11.162



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Set CoefficientB Value : 0.07272
Set CoefficientC Value : 0.027203

Manufacturer Comment Text : Range Rover Sport 3.0L MHEV FEDV. 275/50R21
Pirelli Scorpion MS Tires.

EPA Generated Test Vehicle Details
Original Receipt Date : 20240605
Hybrid Vehicle Indicator : Y
Adjusted Loaded Vehicle Weight Value : 6262
Loaded Vehicle Weight Value : 5730
Total Road Load Horsepower Value : 15.6

Transaction Status Details
Transaction Status Identifier : ACCEPTED



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Information Process Code : N**EPA Manufacturer Code : JLX****Vehicle Identification Text : 3KMVP032****Vehicle Configuration Number : 0**

Vehicle Configuration Details

Vehicle Description Details

Manufacturer Vehicle Configuration Number : 0**Test Group Name : NJLXT04.4GTE****Evaporative Refueling Family Name : NJLXR0175P1B****Model Year : 2022****Actual Test Vehicle Make Text : LAND ROVER****Actual Test Vehicle Model Text : New Range Rover**

Drive Source Details

Drive Source Identifier : C**Fuel Identifier : G****Fuel Cell Indicator : N****Rechargeable Energy Storage System Indicator : N****Test Drive Code : 4****Shift Indicator Light Usage Identifier : 1****Aged Component Usage Identifier : 4**

Odometer Correction Details

Correction Initial Value : 0**Correction Factor Value : 1.00****Correction Sign Identifier : -****Correction Units Code : M****Engine Code Text : 4.4NC10-22****Engine Rated Horsepower Value : 530****Engine Displacement Value : 4.4**

Air Aspiration Details

Air Aspiration Method Identifier : TC**Air Aspiration Device Count : 2****Air Aspiration Configuration Identifier : P****Charge Air Cooler Identifier : L**

Vehicle Specifications Details

Curb Weight Value : 5705**Equivalent Test Weight Value : 6000****Gross Vehicle Weight Rating Value : 7385****NV Ratio Value : 22.9****Axle Ratio Value : 3.31**

Transmission Specifications Details

Light Duty Transmission Type Identifier : SA**Transmission Lockup Indicator : Y****Transmission Creeper Gear Indicator : N****Transmission Gear Count : 8**



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Target Set Coefficient Details

Test Procedure Dynamometer Coefficients Category : US06**Target CoefficientA Value :** 46.948**Target CoefficientB Value :** -0.11133**Target CoefficientC Value :** 0.034230**Set CoefficientA Value :** 50.874**Set CoefficientB Value :** -0.11143**Set CoefficientC Value :** 0.034206

Target Set Coefficient Details

Test Procedure Dynamometer Coefficients Category : C-H-E**Target CoefficientA Value :** 46.948**Target CoefficientB Value :** -0.11133**Target CoefficientC Value :** 0.034230**Set CoefficientA Value :** 50.874**Set CoefficientB Value :** -0.11143**Set CoefficientC Value :** 0.034206

Target Set Coefficient Details

Test Procedure Dynamometer Coefficients Category : Cold-CO**Target CoefficientA Value :** 51.643**Target CoefficientB Value :** -0.12246**Target CoefficientC Value :** 0.037653**Set CoefficientA Value :** 50.874**Set CoefficientB Value :** -0.11143**Set CoefficientC Value :** 0.034206**Manufacturer Comment Text :** New Range Rover NC10 4.4 V8 Turbocharged LWB.
285/45R22 Tires. Evaps EDV.

EPA Generated Test Vehicle Details

Original Receipt Date : 20211110**Hybrid Vehicle Indicator :** N**Adjusted Loaded Vehicle Weight Value :** 6545**Loaded Vehicle Weight Value :** 6005**Total Road Load Horsepower Value :** 16.9

Transaction Status Details

Transaction Status Identifier : ACCEPTED



6.2 EDV Selection

According to 86.1828-01 the Range Rover LWB is expected to be worst-case for exhaust emission compliance within this test group. The Range Rover LWB has the highest ETW category. It was tested on the tire with the worst RRC (20" Michelin) and has the highest road-load power. The EDV and DDV were tested in the worst-case driver mode for all test cycles. The worst-case driver mode for this test group is normal mode, with Sport mode selected by the transmission shifter. Driver modes are described in section 12.3.

All the vehicle configurations certified are covered by data from the above EDVs.

6.3 EV-CIS Test Numbers

Vehicle-ID	Config.	Type of Test	Test Number
3KSPV014	00	FTP	SJLX10086098
		HWY	SJLX10086099
		US06	SJLX10086100
		SC03	SJLX10086101
		FTP20	SJLX10086102
		FTP50	SJLX10086103
3KMVP032	00	3-diurnal Set A	NJLX10072639
		3-diurnal Set B	NJLX10072640
		Running Loss Set A	NJLX10072654
		Running Loss Set B	NJLX10072656
		ORVR Set A	NJLX10072655
		ORVR Set B	NJLX10072657
		Canister Bleed	NJLX10073373



7. Test Results (Cover page)

Refer to the enclosed Certification Summary Information Report processed by the EPA EV-CIS system.



8. Emission Testing Waiver Statements

High Altitude Testing

Based on an engineering evaluation of appropriate high-altitude emission testing Jaguar Land Rover state that light-duty vehicles included in this application comply with the applicable emission standards at high altitude.

According to 40 CFR §86.1829-01(b)(1)(ii)(B) Jaguar Land Rover waive high altitude emissions data submittal on the basis of this statement.

Data submittal waiver for Idle CO Testing

Based on an engineering evaluation of appropriate Idle CO emissions Jaguar Land Rover state that light-duty vehicles included in this application comply with all applicable idle CO emission standards.

According to 40 CFR §86.1829-01(b)(5)(ii) Jaguar Land Rover waive Idle CO emissions data submittal on the basis of this statement.

Data submittal for 2-Day Evaporative Testing

Based on an engineering evaluation of appropriate evaporative emission testing, Jaguar Land Rover state that all vehicles in evaporative/refuelling family VJLXR0175P1B complies with the applicable two-day evaporative emission standard.

Jaguar Land Rover therefore waive 2-Diurnal Evaporative emissions data submittal on this basis.

Data submittal waiver for Formaldehyde (HCHO) Measurement

Based on an engineering evaluation, Jaguar Land Rover states that light-duty vehicles included in this application comply with all applicable HCHO standards.

Data submittal waiver for Non-Methane Organic Gas (NMOG) Measurement

Based on test data from engineering programmes Jaguar Land Rover use the following NMOG:NMHC ratios in order to express NMOG emissions:

Cold and Hot Start tests, E0 fuels: $\text{NMOG} = \text{NMHC} \times 1.03$

Cold Start tests, E10 fuels: $\text{NMOG} = \text{NMHC} \times 1.10$

Hot Start tests, E10 fuels: $\text{NMOG} = \text{NMHC} \times 1.03$

**Data submittal waiver for Spit-Back testing**

All Jaguar Land Rover Gasoline fuelled vehicles are certified to the refuelling emissions standards in §86.1811-04(e), and inherently meet the fuel dispensing spitback standards as part of compliance with the refuelling emissions requirements.

Compliance with the applicable standards is for the Full Useful life of the vehicle.

Fuel dispensing spitback testing of Jaguar Land Rover vehicles is therefore waived in accordance with §86.1810-01(l).

Evaporative Leak Detection

JLR OBD system conforms to current OBD requirements covered in Section 1968.2 of Title 13, CCR.

JLR OBD system is capable of detecting 0.020" inch diameter orifice leakage in the evaporative emissions system.

SC03 Test Procedures

Jaguar Land Rover attests that NMOG+NO_x and CO exhaust emissions for vehicles tested using the SC03 test procedures incorporated in the "California 2026 and Subsequent Model Year Criteria Pollutant Exhaust Emission Standards and Test Procedures for Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles", comply with the standards in 13 CCR 1961.4.(d)(4).

Quick Drive-away

Vehicles in this test group are not part of JLR's phase in for Quick drive-away as set forth in 13 CCR 1964.1(d)(2)(C)1(a))

Partial Soak

Vehicles in this test group are not part of JLR's phase in for Partial Soak as set forth in 13 CCR 1964.1(d)(2)(B)1)

9. OBD Compliance Statement

Jaguar Land Rover states that the OBD system for Test Group TJLXT03.0HTV meets the full intent of the clean air act as amended in 1970 section 202(m), and the applicable federal OBD regulations, contained in 40 CFR §86.005-17 and 40 CFR §86.1806-01. Furthermore, Jaguar Land Rover states that the OBD system complies with all the requirements of Title 13 CCR 1968.2.

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12. Description of Vehicles Covered by Certificate and Test Parameters

12.1. Description of Vehicle

Carline	Model Name	Vehicle Class Fed/CAL	Emission Control System Description						Engine Code	N° Valves/ Cyl	Sales Area	Trans & Over- drive	SIL	Standard Tire Size (optional sizes)	N/V Ratio	ETW - lb.	Fuel Tank Volume - gal
			Type	Catalyst Config	EGR	Air Pump	Fuel System Type	Intake Air Aspiration Method									
305	Range Rover 360PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E- Supercharged	3.0AJMM-19	4	50- state	S8	No	255/60R20	24.5	6000	23.8
305	Range Rover 360PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E- Supercharged	3.0AJMM-19	4	50- state	S8	No	275/55R20	24.7	6000	23.8
305	Range Rover 360PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E- Supercharged	3.0AJMM-19	4	50- state	S8	No	275/50R21	24.7	6000	23.8
305	Range Rover 360PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E- Supercharged	3.0AJMM-19	4	50- state	S8	No	285/45R22	24.5	6000	23.8
305	Range Rover 360PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E- Supercharged	3.0AJMM-19	4	50- state	S8	No	285/40R23	24.6	6000	23.8
306	Range Rover 400PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E- Supercharged	3.0AJMH-19	4	50- state	S8	No	255/60R20	24.5	6000	23.8
306	Range Rover 400PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E- Supercharged	3.0AJMH-19	4	50- state	S8	No	275/55R20	24.7	6000	23.8
306	Range Rover 400PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E- Supercharged	3.0AJMH-19	4	50- state	S8	No	275/50R21	24.7	6000	23.8
306	Range Rover 400PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E- Supercharged	3.0AJMH-19	4	50- state	S8	No	285/45R22	24.5	6000	23.8
306	Range Rover 400PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E- Supercharged	3.0AJMH-19	4	50- state	S8	No	285/40R23	24.6	6000	23.8



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307	Range Rover LWB 360PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E- Supercharged	3.0AJMM-19	4	50- state	S8	No	255/60R20	24.5	6000	23.8
307	Range Rover LWB 360PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E- Supercharged	3.0AJMM-19	4	50- state	S8	No	275/55R20	24.7	6000	23.8
307	Range Rover LWB 360PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E- Supercharged	3.0AJMM-19	4	50- state	S8	No	275/50R21	24.7	6000	23.8
307	Range Rover LWB 360PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E- Supercharged	3.0AJMM-19	4	50- state	S8	No	285/45R22	24.5	6000	23.8
307	Range Rover LWB 360PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E- Supercharged	3.0AJMM-19	4	50- state	S8	No	285/40R23	24.6	6000	23.8
308	Range Rover LWB 400PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E- Supercharged	3.0AJMH-19	4	50- state	S8	No	255/60R20	24.5	6000	23.8
308	Range Rover LWB 400PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E- Supercharged	3.0AJMH-19	4	50- state	S8	No	275/55R20	24.7	6000	23.8
308	Range Rover LWB 400PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E- Supercharged	3.0AJMH-19	4	50- state	S8	No	275/50R21	24.7	6000	23.8
308	Range Rover LWB 400PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E- Supercharged	3.0AJMH-19	4	50- state	S8	No	285/45R22	24.5	6000	23.8
308	Range Rover LWB 400PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E- Supercharged	3.0AJMH-19	4	50- state	S8	No	285/40R23	24.6	6000	23.8
229	Range Rover Sport 360PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E- Supercharged	3.0AJMM-19	4	50- state	S8	No	255/60R20	24.5	5500	23.8
229	Range Rover Sport 360PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E- Supercharged	3.0AJMM-19	4	50- state	S8	No	275/55R20	24.7	5500	23.8
229	Range Rover Sport 360PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E- Supercharged	3.0AJMM-19	4	50- state	S8	No	275/50R21	24.7	5500	23.8



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229	Range Rover Sport 360PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E-Supercharged	3.0AJMM-19	4	50-state	S8	No	285/45R22	24.5	5500	23.8
229	Range Rover Sport 360PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E-Supercharged	3.0AJMM-19	4	50-state	S8	No	285/40R23	24.6	5500	23.8
230	Range Rover Sport 400PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E-Supercharged	3.0AJMH-19	4	50-state	S8	No	255/60R20	24.5	5500	23.8
230	Range Rover Sport 400PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E-Supercharged	3.0AJMH-19	4	50-state	S8	No	275/55R20	24.7	5500	23.8
230	Range Rover Sport 400PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E-Supercharged	3.0AJMH-19	4	50-state	S8	No	275/50R21	24.7	5500	23.8
230	Range Rover Sport 400PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E-Supercharged	3.0AJMH-19	4	50-state	S8	No	285/45R22	24.5	5500	23.8
230	Range Rover Sport 400PS	LDT4/ LDT2	Catalyst	TWC/ GPF	N/A	N/A	DFI	Turbocharged and E-Supercharged	3.0AJMH-19	4	50-state	S8	No	285/40R23	24.6	5500	23.8

12.2. Test Parameters

12.2.1. Engine Starting Procedure

Position transmission gear selector in P or N. Switch on ignition and operate starter. Release starter switch as soon as the engine starts.

12.2.2. Shift Schedules

Shifting

Automatic Transmission Summary

A/T code	Class	No. of fwd gears	Overdrive	Gear ratios
8HP80XMH	Automatic	8	Yes	5.500
				3.520
				2.200
				1.720
				1.317
				1.000
				0.823
				0.640

General Description

The 8HP80XMH is an electronically controlled, fully automatic, synchronous 8 speed overdrive transmission with input through a three phase, single stage torque converter. The torque converter incorporates an internal friction clutch which transmits engine torque mechanically when applied in either locked or controlled slip phase.

The shift points and converter clutch application are functions of throttle pedal position and vehicle speed. Each transmission calibration contains the individual shift points for the corresponding transmission application.

Special Features:

The torque converter lock up clutch does not have a torsional damper but has a controlled slip function; this calibrated amount of slip allows lock up to be applied at lower engine speeds without causing NVH problems.

The automatic transmission fluid is a fill for life oil and does not require service. There is no dipstick tube.

The gear selector allows the selection of Park, Reverse, Neutral, Drive and Drive (S) ranges.

A manual sequential shift option is included. Sequential manual gear selection is selected by moving the transmission gear selector to the "S" (Sequential shift) position. Upshifts and downshifts may then be made by operating steering wheel mounted shift paddles.

Manual Transmission Summary

Manual transmissions are not available.

Shifting/Special Testing

Shifting instruction

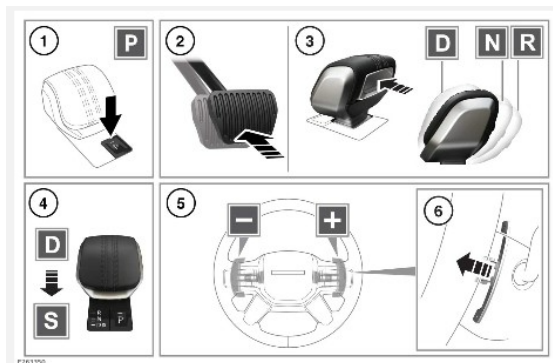
Gear-shift interlock

A brake pedal/gear-shift interlock is incorporated in the gear selector mechanism. The gear selector lever may only be moved from the Park position if the ignition is "on" and footbrake is pressed.

Single mode

During normal forward operation of the vehicle the transmission shifts automatically when the transmission selector is positioned in "Drive".

User Selectable modes



1. Press to select P. The P indicator lamp illuminates to confirm. Select P before switching the ignition off.
2. When the vehicle is stationary, press the brake pedal before selecting **D**, **N**, or **R**.
3. With the brake pedal still applied, press the button on the gear selector to allow gear selector movement:
4. While in **D**, move the gear selector rearward to select **S**.
5. To select manual gear changes while in **S**, lightly pull the steering wheel left paddle for down-shifts, or lightly pull the right paddle for up-shifts. The instrument panel displays the manual gear selection status. The relevant gear selector indicator shows the status of the manual gear selection:
 - a. Continuous illumination confirms the driver's gear change request has been recognised and selected.
 - b. On or off flashing confirms the driver's gear change request has been recognised but not selected.
6. Gearshift paddles: Allow for manual gear selection while in **D** or **S**. To exit manual mode, pull and hold the right paddle for approximately 1 second. The transmission will return directly to the previous automatic operation in **D** or **S**.

Jaguar Land Rover has developed a range of driver selectable modes. Not all modes are available on all products and not all modes are considered to be on-road modes.

These driver selectable modes change driveability and transmissions calibratable comfort functions. The driveability functions which are modified are the comfort filters to provide a balance of control, response and comfort to suit the selected mode. The relationship between the physical driver pedal position and the ECU pedal position is changed, effectively making the vehicle feel more or less responsive. The functionality of emissions control strategies is not altered.

In Dynamic Drive mode, The PCM applies a scalar to make the accelerator pedal more sensitive. The transmission applies the same shiftpoints as in Normal drive mode. The PCM applies a scalar to make the accelerator pedal more sensitive.

Driver mode	On/Off-road
Normal mode	On-road
Dynamic mode	On-road
Grass - Gravel - Snow mode	Off-road
Dynamic mode	Off-road
Mud & Ruts mode	Off-road
Sand mode	Off-road
Low Range	Off-road

Chassis Dynamometer Operation

If the vehicle is going to be operated on a chassis dynamometer, disable the traction control facility immediately after selecting drive, or use the correct dyno mode provided by the manufacturer.

Shift Schedules

As defined in EV-CIS

Special testing procedures

Cooling fans

For all emissions/fuel economy test cycles, a single fan, placed in the 'down' position, is required for engine cooling purposes.

Range Rover, Range Rover
Sport

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12.2.3 EPA Shift Schedule: FTA / HWA

12.2.4 Dynamometer Loading Information (LVW):

Model	ET W (lbs)	Tyre size	Target Coefficients			Set Coefficients*			TRLHP @50
			A	B	C	a	b	c	
Range Rover	6000	255/60R20	42.9	0.098	0.03017	Untested	Untested	Untested	16.4
Range Rover	6000	275/55R20	46.5	-0.025	0.034694	-3.035	-0.17221	0.030615	16.5
Range Rover	6000	275/50R21	42.219	0.09841	0.030877	Untested	Untested	Untested	16.6
Range Rover	6000	285/45R22	42.9	0.098	0.03220	Untested	Untested	Untested	17.1
Range Rover	6000	285/40R23	42.9	0.098	0.03267	Untested	Untested	Untested	17.3
Range Rover LWB	6000	255/60R20	42.9	0.098	0.03003	Untested	Untested	Untested	16.4
Range Rover LWB	6000	275/55R20	46.5	-0.025	0.03154	Untested	Untested	Untested	16.5
Range Rover LWB	6000	275/50R21	42.219	0.09841	0.030877	-5.823	0.07634	0.028973	16.6
Range Rover LWB	6000	285/45R22	42.9	0.098	0.03206	Untested	Untested	Untested	17.1
Range Rover LWB	6000	285/40R23	42.9	0.098	0.03253	Untested	Untested	Untested	17.2
Range Rover Sport	5500	255/60R20	43.411	-0.03763	0.02983	Untested	Untested	Untested	15.5
Range Rover Sport	5500	275/55R20	39.9	0.098	0.02989	Untested	Untested	Untested	15.9
Range Rover Sport	5500	275/50R21	41.859	-0.01592	0.030510	-11.162	0.07272	0.027203	15.6
Range Rover Sport	5500	285/45R22	39.3	0.098	0.03062	Untested	Untested	Untested	16.1
Range Rover Sport	5500	285/40R23	39.3	0.098	0.03127	Untested	Untested	Untested	16.3

* 4WD Dynamometer



12.2.5. Evaporative/Refuelling Data

12.2.5.1. Evaporative Testing Parameters

Canister Loading rate – 15 g/hr.

Fuel Tank Parameters

Fuel Tank Volumes

Carline	Evaporative Code	Nominal Capacity (USG)	Useable 40% Fill	Vapor volume at 40% Fill
Range Rover	MLA-22	23.8	9.5	17.8
Range Rover Sport	MLA-22	23.8	9.5	17.8

All volumes expressed in US gallons

Fuel tank temperature profiles (FTTP)

FTTP procedure

Fuel tank temperature profiles were determined according to the procedure described in 40CFR Part 86.129-94(d).

FTTP Codes

Carline	Evaporative Code	FTTP Code
Range Rover	MLA-22	FTTP0460
Range Rover Sport	MLA-22	FTTP0460

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Time (s)	RR Fuel	RR Vapor	RRS Fuel	RRS
1	104.0	105.1	103.9	110.4
60	103.5	104.5	104.8	109.5
120	103.4	104.8	105.6	109.7
180	101.0	104.9	105.7	110.1
240	101.5	103.8	106.6	110.5
300	102.5	104.6	107.0	111.0
360	102.9	105.5	107.5	111.8
420	102.0	104.7	107.7	111.9
480	102.6	105.2	108.0	111.8
540	102.8	106.0	108.6	112.0
600	103.4	106.5	109.0	112.3
660	103.1	105.8	109.0	112.9
720	103.5	107.0	109.5	113.0
780	103.7	106.9	110.0	112.2
840	104.2	108.5	110.0	112.9
900	104.4	108.9	110.2	113.3
960	104.6	110.1	110.3	113.8
1020	104.9	110.3	110.9	114.3
1080	104.9	108.8	111.3	114.9
1140	105.3	110.2	111.6	114.9
1200	106.1	110.5	111.5	115.2
1260	106.1	111.3	111.7	115.5
1320	106.2	111.4	111.8	115.9
1380	106.5	110.9	112.7	117.0
1440	107.0	112.2	113.4	118.4
1500	107.2	113.3	113.9	118.9
1560	107.0	112.0	114.3	119.2
1620	108.6	111.6	115.0	119.0
1680	109.0	112.7	115.7	119.5
1740	108.8	112.4	115.8	118.6
1800	109.0	112.7	116.4	119.9
1860	108.7	113.8	117.0	120.2
1920	109.0	114.5	117.5	120.7
1980	109.7	115.5	117.7	120.7
2040	109.5	114.6	117.3	120.2
2100	110.2	115.7	117.1	120.6
2160	109.8	114.8	117.3	121.6
2220	111.3	114.0	117.9	121.5
2280	111.8	115.4	118.4	123.0
2340	111.7	114.8	118.9	122.1
2400	112.2	115.0	120.2	124.2
2460	112.6	115.9	121.1	124.9
2520	112.1	116.6	121.6	126.3
2580	113.7	118.5	121.9	126.1
2640	112.9	117.4	122.8	126.2
2700	114.6	119.1	123.0	127.6
2760	114.0	120.5	123.2	128.3
2820	114.5	120.1	123.6	129.2
2880	114.2	119.6	124.3	128.9
2940	114.6	119.8	124.8	129.4
3000	115.2	118.5	124.0	128.5
3060	116.1	119.4	124.3	128.6



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3120	117.1	121.0	125.0	129.8
3180	115.7	121.4	125.1	129.8
3240	116.2	118.9	125.1	129.3
3300	116.6	119.5	125.3	129.4
3360	117.2	119.6	126.5	130.2
3420	117.0	120.6	127.2	131.7
3480	116.3	121.0	127.7	132.2
3540	117.1	120.4	128.3	132.6
3600	116.9	120.9	128.6	132.0
3660	118.2	121.9	128.4	132.5
3720	118.0	122.3	128.8	133.0
3780	118.8	122.9	129.6	134.4
3840	118.4	122.5	129.8	134.7
3900	118.8	122.8	130.3	134.9
3960	118.8	123.4	130.1	134.3
4020	119.1	122.8	130.2	134.2
4080	119.1	122.8	130.6	134.0
4140	119.5	123.7	131.0	134.9
4200	119.8	124.5	131.7	135.9
4260	120.6	126.2	131.9	137.1
4307	121.1	127.0	132.4	137.6



12.2.5.2. Fuel Tank Temperature Profile Report
(Land Rover FP9.8 & Ford CETP 00.00-L-414)

Compiled By: Lee Dunn Date: June 2023

Subject

Fuel tank temperature profile for Range Sport & Range Rover to EPA standard.

Summary

Vehicle tests were conducted to determine a fuel tank temperature profile for the Range Rover & Range Rover Sport.

Conclusion

The fuel tank temperature profile determined by this test complies with Environmental Protection Agency procedure detailed in 40CFR 86.129.94.

Test Vehicle Specification

FTTP Code:	MLA-22	MLA-22
Model:	Range Rover LWB	Range Rover Sport
Transmission:	8 speed automatic	8 speed automatic
Fleet identity:	3KRVB059	3PNTT005
Test Weight:	6000lbs	5500lbs

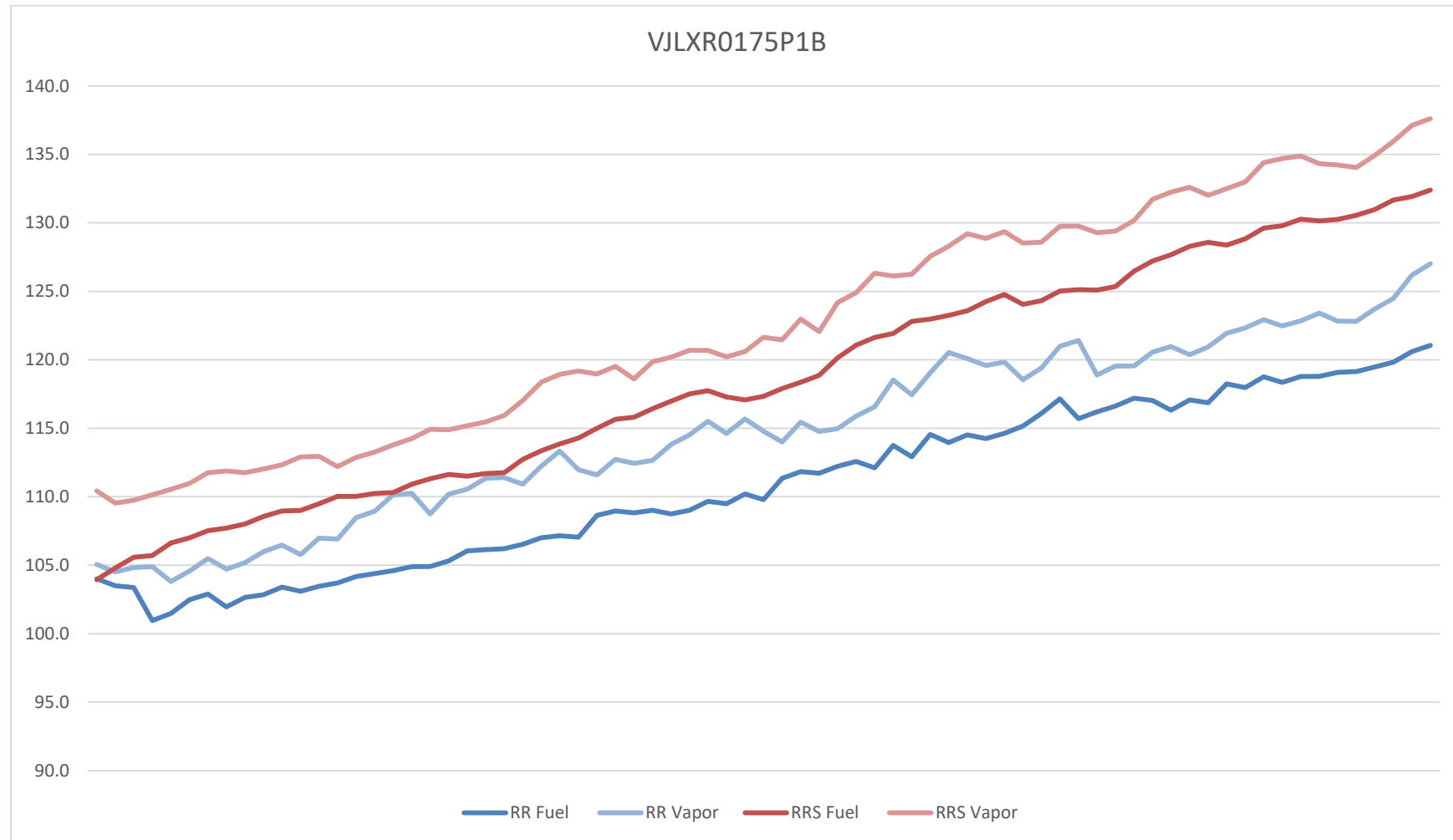
Test Location

Volvo Arizona Proving Ground (Now Ford Arizona Proving Ground)
Wittmann, Phoenix, AZ
USA

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14 Request for Certification**14.1 Statement of Compliance**

Refer to Common Section, Section 14.

14.2 Request for certificate

Based on Jaguar Land Rover's good engineering judgment, all the vehicles described in this Application for Certification comply with all applicable intermediate and full useful life standards.

Therefore, Jaguar Land Rover herewith applies for a federal Certificate of Conformity and a California ARB Executive Order for Test Group VJLXT03.0HTV.

This Test Group complies with all applicable regulations contained in Title 40, Code of Federal Regulations, Part 86 and the California Code of Regulations.



Ian Munden
Manager
Emissions Certification
Jaguar Land Rover

15. Other Information

15.1. Label according to 40 CFR § 86.1807-01 and according to California Motor Vehicle Emission Control Label (VECI Label) Specifications.

15.1.1 .



15.1.2. Label Location: Under-bonnet.



15.2 Fee Filing Form

See attached page



15.3. OBD System Approval Letter

See attached page



Other Information

Adjustable Parameters

There are no parameters present on any vehicle covered by this application that can be considered adjustable within the context of 40CFR Part 86.1833-01.

Fuel Specifications

Fuels Recommended to the Owner

Full statements concerning fuel recommendations are contained in the Vehicle Owners Handbooks.

Test and Service Accumulation Fuel

All test and service accumulation fuels relating to this Application for Certification are equivalent to those specified in 40CFR Part 86, Subpart S, and the California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model Passenger Cars, Light -Duty Trucks, and Medium-Duty Vehicles. Specifications and/or analyses will be supplied on request.

Lubricant specifications

Engine

	Factory fill		Recommended to ultimate purchaser		To be used in test vehicles	
Generic type	Hydrocarbon		Hydrocarbon		Hydrocarbon	
Service designation	CASTROL BOT942	LG4	CASTROL BOT942	LG4	CASTROL BOT942	LG4
Viscosity	SAE 0W20		SAE 0W20		SAE 0W20	

Automatic Transmissions

The transmissions are sealed for life and the factory fill materials are listed below. All lubricants are hydrocarbon based and contain no friction modifiers.

ZF 8HP70 8 Speed Transmission: ZF Lifeguard

Drive Axle and Differential

The differentials are sealed for life and the factory fill materials are listed below. All lubricants are hydrocarbon based and contain no friction modifiers.

All Test Groups: Castrol BOT750B

**5-Cycle Label Litmus data**

Test group VJLXT03.0HTV is certified using EPA Tier 3 E10 Regular Gasoline, for which City and Highway Litmus thresholds and test values are not calculated in the EPA EV-CIS system.

For this test group the litmus test indicates modified 5-cycle fuel economy testing is required.

3KSPV014_COLD_4 bag Litmus and FE**EDV/FEDV input data:** 3KSPV014**Normal temperature FTP75:****C7 2024-04-13 01**

UDDS Bag 1 ₇₅ FE	22.2410	4dp
UDDS Bag 2 ₇₅ FE	22.5100	4dp
UDDS Bag 3 ₇₅ FE	26.8330	4dp
UDDS Bag 4 ₇₅ FE	22.8930	4dp
FE total Unrounded	23.6150	4dp
FE RND (EPA)	23.6	1dp

Cold Temperature FTP20:**23 April 2024 JLR L460 VA73 AHN EPA 75 3 Bag Eng**

UDDS Bag 1 ₂₀ FE	18.7551	4dp
UDDS Bag 2 ₂₀ FE	20.4518	4dp
UDDS Bag 3 ₂₀ FE	24.9774	4dp
FE RND (EPA)	21.1	1dp

Highway Fuel Economy Test:**C7 2024-04-13 02**

HFET FE Unrmd	35.7850	4dp
FE RND (EPA)	35.8	1dp

Supplemental FTP:**US06****C7 2024-04-13 03**

US06 City FE	13.4	1dp
US06 Highway FE	25.1	1dp
US06 FE RND	21.0	1dp

SC03**C7 2024-04-13 04**

SC03 FE RND	18.8	1dp
-------------	------	-----

Start Fuel:

Start Fuel ₇₅	0.030598648
Start Fuel ₂₀	0.0478173

Vehicle-Specific 5-Cycle FE:

\$600.114-12

*Litmus
threshold*
\$600.115-11**5-Cycle City Label:**

Start FC (City)	0.0027954
Running FC (City)	0.0461579
5-cycle City FE Adj/Unrmd	18.4870
5-cycle City Litmus value	18.5
City Label	19

5-Cycle Highway Label:

Start FC (Highway)	0.0001910
Running FC (Highway)	0.0383187
5-cycle Highway FE Adj/Unrmd	23.5005
5-cycle Highway Litmus value	23.5
Highway Label	24

Derived 5-Cycle FE:**(MPG-Approach)**

\$600.210-12

MPG-Approach City Label:

City Intercept	0.004091
City Slope	1.1601
5-cycle City FE Adj/Unrmd	18.7911
5-cycle City FE Adj/Rnd	18.8
City Label	19

MPG-Approach Highway Label:

Highway Intercept	0.003191
Highway Slope	1.2945
5-cycle Highway FE Adj/Unrmd	25.4030
5-cycle Highway FE Adj/Rnd	25.4
Highway Label	25

MPG Approach
City value in
bandFEDV US06
testing required

FEDV US06 testing required	
Start FC (Highway)	0.0002216
Running FC (Highway)	0.0382450
3-cycle Highway FE	24

3-cycle calcs:
0.0002216
0.0382450
23.5269

Combined Numbers	Rounded Adjusted	Unrounded Adjusted
2-Cycle Combined	21	21.2840
3-Cycle Combined	21	20.6628
5-Cycle Combined	20	20.4502

**17. California ARB Information****17.1. Statements**

Vehicles covered by this application are not fitted with defeat devices.

All AECDs used on vehicles covered by this application are declared and described in section 16 of the application.

Test and production vehicles covered by this application do not use multiple maps in the engine management system. Modes used during on-road operation are identical to those used in testing.

Vehicles covered by this application do not use transmission calibrations which interact with the engine management or emission control systems in order to assist engine or catalyst warm-up.

The transmission calibration does not include different modes for on-road and dynamometer operation. Transmission behaviour is identical in both cases. Also refer to Common Section, Section 17.

17.2 Fill Pipe Specification

Refer to Common Section, Section 17

17.3 Projected Sales

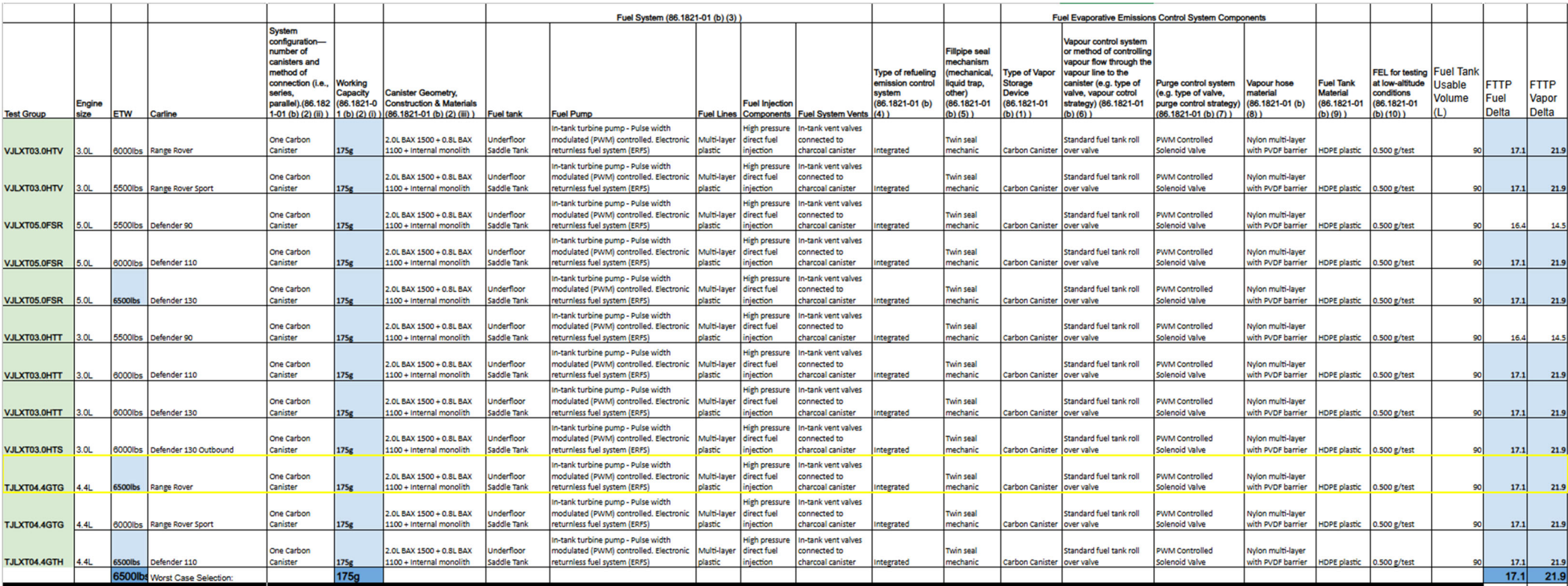
Refer to Common Section, Section 16, Confidential Information

17.4 Evaporative Emission Deterioration**17.4.1 Selection of Emission Data Vehicle for Evaporative Emissions testing****17.4.1.1. Worst Case Selection**

Worst Case selection is carried out according to the provisions in 40 CFR § 86.1828-01 (b)(3). Using good engineering judgment, JLR believe carry-across data are representative of a worst case vehicle. The worst-case vehicle selection is highlighted in yellow in the table on the next page.

Canister size, canister material, fuel tank material, purge strategy and flow rates and refueling characteristics are common between all vehicles within the evaporative family.

Driver mode for evaporative testing was "Normal mode – D".





Test Vehicle Description

Vehicle Identification Number	3KMVP032
Evaporative Emission Code	MLA-22
Model	Range Rover
Emission Control System:	2WR-HO2S/2TWC/2HO2S/DFI/2TC/2CAC
Displacement	4395 cm ³
Engine Code	4.4NC10-22
Evaporative Family	NJLXR0175P1B
Equivalent Test Weight	6500 lb.
Actual Vehicle Weight	
Curb Weight	5705 lb.
Drive Axle Weight	3505 lb.
Air Conditioning	Yes
Transmission Type	S8
Transmission Code	8HP76
Axle Ratio	3.31
N/V Ratio	22.9
Tire Manufacturer	Pirelli
Tire Size	285/45R22

17.4.5.2.2. EPA Fuel Tank Temperature Profile and Ambient Conditions

The temperature correction was performed in accordance with Federal Evaporative Emission Standards and Test Procedures using the following equation:

$$T_{i, \text{profile}} = T_i - T_o$$

T_i is the series of observed liquid fuel temperature during the drive (°F) where i is the incremental measurement in time

T_o is the liquid fuel temperature observed at the start of the specified driving schedule (°F).

T_{i, profile} is the series of temperatures that comprise the relative temperature profile for table of T_i refer to Enclosure 1 of Section 12.

17.4.6. Test Results for Evaporative Emissions

17.4.6.1 Enhanced Evaporative Emissions Test

17.4.6.1.1. Test Results of Durability Data Vehicle, Calculation of Evaporative Emission and Running Losses Deterioration Factor

Miles	3 Day Evap. (g/test)	Running Losses (g/mi.)	Refueling g/gal
4 000 (Set A)	0.251	0.000508	0.073
4 000 (Set B)	0.276	0.000524	0.004
150 000 (Set A)	0.256	0.000452	0.0263
150 000 (Set B)	0.229	0.000523	0.0171

Average Values

4 000	0.2635	0.000516	0.0382
150 000	0.2425	0.0004875	0.0217

Deterioration factors **0.000** **0.00** **0.00**

17.4.6.1.2. Test Results of Emission Data Vehicle

4K Evaporative Emission Test Data		Deterioration Factors	Compliance with Std.	Standard	Unit
Test Vehicle Model	Range Rover		Test Data + DF		
Test Vehicle id	3KMVP032				
3-Diurnal SHED Test	0.3095	0.000	0.3095	0.500	g
Running Loss Test	0.000516	0.00	0.000516	0.01	g/mi.
Refueling Test	0.0382	0.00	0.0382	0.2	g/gal



Environmental Performance Label

Jaguar Land Rover products for the 2027 Model Year will be fitted with labels which indicate the results obtained from the Federal Fuel Economy and Greenhouse Gas Emissions testing program in lieu of separate California labels.

Jaguar Land Rover Ltd hereby states that labels fitted to vehicles covered by this application comply with all relevant Federal specifications for Material, Color, and Label Format Requirements described in 40CFR Parts 85, 86 and 600, 49CFR Part 575, and related Manufacturer Guidance issued by the US Environmental Protection Agency and the National Highway Traffic Safety Administration.



17.6. Vehicle weights

17.6.1. Curb weight:

5650 lb Range Rover 400PS 5-seat
5695 lb Range Rover 400PS LWB 5-seat
5835 lb Range Rover 400PS LWB 7-seat
5370 lb Range Rover Sport 360PS
5445 lb Range Rover Sport 400PS

17.6.2. Gross vehicle weight rating:

7385 lb Range Rover 400PS 5-seat
7470 lb Range Rover 400PS LWB 5-seat
7450 lb Range Rover 400PS LWB 7-seat
7095 lb Range Rover Sport 360PS
7095 lb Range Rover Sport 400PS

17.6.3. Equivalent Test Weight:

6000 lb Range Rover 400PS 5-seat
6000 lb Range Rover 400PS LWB 5-seat
6000 lb Range Rover 400PS LWB 7-seat
5500 lb Range Rover Sport 360PS
5500 lb Range Rover Sport 400PS

