9/2/25, 3:50 PM HEM Data Dashboard



2020 Freightliner Cascadia

Test Information

Engine Detroit Diesel DD15 (14.8)

Engine Serial DTDSC*472N16*472910S0710142

VIN 3AKJHHDR4LSKW9039

Driveline Class 8 6x4

Body Truck-Tractor MDHD: Conventional

Test Time Aug. 28, 2025, 1:19 p.m.

File Length 44.216 s

Test Time Aug. 28, 2025, 10:27 a.m.

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File Length 44.249 s

Usage		
Label	Value	Units
Engine Odometer	340,970	mi

8,598.6

129

h

%

Engine Total Hours of Operation

Aftertreatment 1 Diesel Particulate Filter Soot Load Percent

Engine On/Off

Engine running

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Check Engine Light

MIL - Emissions malfunction

Protect Lamp - Non-electric problem

Emissions Deleted/Tampered

No

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Faults					
DM	Controller Name	SPN Name	FMI Name	Count	
Active	Brakes - System Controller	Wheel Sensor ABS Axle 2 Right	Current Below Normal	18	
Active	Brakes - System Controller	Wheel Sensor ABS Axle 2 Right	Current Below Normal	17	
Active	Body Controller	Manufacturer Assignable SPN	Voltage Above Normal	4	
Active	Body Controller	Manufacturer Assignable SPN	Voltage Above Normal	4	
Active	Exhaust Emission Controller	Manufacturer Assignable SPN	Special Instruction	3	
Active	Exhaust Emission Controller	Manufacturer Assignable SPN	Special Instruction	3	
Previous	Engine #1	Engine Coolant Level 1	Voltage Below Normal	1	
Previous	Engine #1	Engine Coolant Level 1	Voltage Below Normal	1	
Previous	Engine #2	Engine Fuel 1 Injector Metering Rail 1 Pressure	Low-least severe	1	
Previous	Engine #2	Manufacturer Assignable SPN	Out of Calibration	1	
Previous	Engine #2	Engine Fuel 1 Injector Metering Rail 1 Pressure	Low-least severe	1	
Previous	Engine #2	Manufacturer Assignable SPN	Out of Calibration	1	
Emissions Active	Exhaust Emission Controller	Manufacturer Assignable SPN	Special Instruction	3	
Emissions Active	Exhaust Emission Controller	Manufacturer Assignable SPN	Special Instruction	3	
Emissions Previous	Engine #2	Engine Fuel 1 Injector Metering Rail 1 Pressure	Low-least severe	1	
Emissions Previous	Engine #2	Engine Fuel 1 Injector Metering Rail 1 Pressure	Low-least severe	1	
Permanent	Exhaust Emission Controller	Aftertreatment 1 SCR Conversion Efficiency	Low-least severe	3	
Permanent	Exhaust Emission Controller	Aftertreatment 1 Diesel Particulate Filter Intake Temperature	Low-least severe	1	
Permanent	Exhaust Emission Controller	Manufacturer Assignable SPN	Special Instruction	3	
Permanent	Exhaust Emission Controller	Manufacturer Assignable SPN	Special Instruction	3	
Permanent	Exhaust Emission Controller	Aftertreatment 1 Diesel Particulate Filter Intake Temperature	Low-least severe	1	
Permanent	Exhaust Emission Controller	Aftertreatment 1 SCR Conversion Efficiency	Low-least severe	3	