8/14/25, 3:02 PM HEM Data Dashboard



2018 Freightliner Cascadia

Test Information

Engine Detroit Diesel DD13 (12.8)

Engine Serial DTDSC*471N16*471928S0492591

VIN 3AKJHHDV6JSJR8730

Driveline Class 8 6x4

Body Truck-Tractor MDHD: Conventional

Test Time May 9, 2025, 9:55 a.m.

File Length 21.821 s

Usage

Label	Value	Units
Engine Odometer	790,034	mi
Engine Total Hours of Operation	19,112.6	h
Aftertreatment 1 Diesel Particulate Filter Soot Load Percent	108	%

Engine On/Off

Engine running

8/14/25, 3:02 PM **HEM Data Dashboard**

Check Engine Light



MIL - Emissions malfunction



Amber Warning Lamp - Warning, but OK to drive

Emissions Deleted/Tampered

No

Faults					
DM	Controller Name	SPN Name	FMI Name	Count	
Active	Engine #1	Sensor supply voltage 1	Voltage Above Normal	16	
Active	Transmission #1	Manufacturer Assignable SPN	Other Failure Mode	127	
Active	Exhaust Emission Controller	Aftertreatment 1 SCR Conversion Efficiency	Low-least severe	3	
Active	Exhaust Emission Controller	Manufacturer Assignable SPN	High-moderate severity	1	
Active	Exhaust Emission Controller	Manufacturer Assignable SPN	Special Instruction	35	
Active	Exhaust Emission Controller	Manufacturer Assignable SPN	High-moderate severity	1	
Active	Proprietary	Manufacturer Assignable SPN	Current Below Normal	126	
Previous	Engine #1	Engine Coolant Level 1	Voltage Below Normal	31	
Emissions Active	Exhaust Emission Controller	Manufacturer Assignable SPN	Special Instruction	35	
Emissions Active	Exhaust Emission Controller	Manufacturer Assignable SPN	High-moderate severity	1	
Emissions Active	Exhaust Emission Controller	Aftertreatment 1 SCR Conversion Efficiency	Low-least severe	3	
Permanent	Exhaust Emission Controller	Manufacturer Assignable SPN	Special Instruction	35	
Permanent	Exhaust Emission Controller	Manufacturer Assignable SPN	High-moderate severity	1	
Permanent	Exhaust Emission Controller	Aftertreatment 1 SCR Conversion Efficiency	Low-least severe	3	