

rb RITCHIE BROS. Diagnostic Report
Auctioneers®

2021 Freightliner Cascadia

Test Information	
Engine	Detroit Diesel DD15 (14.8)
Engine Serial	DTDSC*472N16*472910S0758490
VIN	1FUJHHDR0MLMD9079
Driveline	Class 8 6x4
Body	Truck-Tractor MDHD: Conventional
Test Time	May 24, 2026, 12:22 p.m.
File Length	20.352 s

Usage			
Label	Value	Units	
Engine Odometer	572,471	mi	
Odometer (Instrument Cluster #1)	572,471	mi	
Engine Total Hours of Operation	16,300.55	h	
Aftertreatment 1 Diesel Particulate Filter Soot Load Percent	31	%	

Engine On/Off
Engine running

Check Engine Light
● MIL - Emissions malfunction

Emissions Deleted/Tampered
No

Faults				
DM	Controller Name	SPN Name	FMI Name	Count
Active	Engine #2	Engine Cylinder 6 Misfire Rate	Abnormal Rate of Change	3
Active	Body Controller	Manufacturer Assignable SPN	Current Below Normal	17
Active	Exhaust Emission Controller	Aftertreatment 1 SCR Conversion Efficiency	Low-most severe	1
Active	Exhaust Emission Controller	Manufacturer Assignable SPN	High-moderate severity	1
Active	Exhaust Emission Controller	Manufacturer Assignable SPN	High-moderate severity	1
Previous	Engine #1	Engine Coolant Level 1	Low-moderate severity	4
Previous	Exhaust Emission Controller	Aftertreatment 1 Hydrocarbon Dosing System	High-least severe	1
Emissions Pending	Exhaust Emission Controller	Aftertreatment 1 Outlet NOx 1	Data Drifted Low	14
Emissions Active	Engine #2	Engine Cylinder 6 Misfire Rate	Abnormal Rate of Change	3
Emissions Active	Exhaust Emission Controller	Aftertreatment 1 SCR Conversion Efficiency	Low-most severe	1
Emissions Active	Exhaust Emission Controller	Manufacturer Assignable SPN	High-moderate severity	1
Permanent	Engine #2	Engine Cylinder 6 Misfire Rate	Abnormal Rate of Change	3
Permanent	Exhaust Emission Controller	Oxygen (or Exhaust Gas) Sensor Bank 1 Monitor	Erratic, Intermittent, or Incorrect	2
Permanent	Exhaust Emission Controller	Aftertreatment 1 SCR Conversion Efficiency	Low-most severe	1
Permanent	Exhaust Emission Controller	Manufacturer Assignable SPN	High-moderate severity	1