

**rb RITCHIE BROS. Auctioneers** **Diagnostic Report**

**2022 Freightliner Cascadia**

Test Information	
<b>Engine</b>	Detroit Diesel DD15 (14.8)
<b>Engine Serial</b>	□□3*□a□*□i□□□
<b>VIN</b>	<a href="#">3AKJHLDR9NSNF9360</a>
<b>Driveline</b>	Class 8 6x4
<b>Body</b>	Truck-Tractor MDHD: Conventional
<b>Test Time</b>	May 24, 2026, 4:04 p.m.
<b>File Length</b>	51.7449 s
<b>Test Time</b>	May 11, 2026, 9:57 a.m.
<b>File Length</b>	26.5009 s

Usage		
Label	Value	Units
Engine Odometer	422,975	mi
Odometer (Instrument Cluster #1)	422,975	mi
Engine Total Hours of Operation	11,170.4	h
Aftertreatment 1 Diesel Particulate Filter Soot Load Percent	184	%

Engine On/Off
Engine running

Check Engine Light
● MIL - Emissions malfunction

Emissions Deleted/Tampered
No

## Faults

<u>DM</u>	<u>Controller Name</u>	<u>SPN Name</u>	<u>FMI Name</u>	<u>Count</u>
Active	Engine #2	Engine Position Sensor	Abnormal Rate of Change	2
Active	Instrument Cluster #1	Manufacturer Assignable SPN	Current Below Normal	22
Active	Instrument Cluster #1	Manufacturer Assignable SPN	Current Below Normal	35
Previous	Engine #2	Ambient Air Temperature	Voltage Above Normal	1
Previous	Engine #2	Ambient Air Temperature	Voltage Above Normal	1
Previous	Exhaust Emission Controller	Ambient Air Temperature	Out of Calibration	1
Previous	Exhaust Emission Controller	Ambient Air Temperature	Out of Calibration	1
Emissions Pending	Exhaust Emission Controller	Manufacturer Assignable SPN	Special Instruction	15
Emissions Pending	Exhaust Emission Controller	Manufacturer Assignable SPN	Special Instruction	15
Emissions Active	Engine #2	Engine Position Sensor	Voltage Above Normal	12
Emissions Previous	Engine #2	Ambient Air Temperature	Voltage Above Normal	1
Emissions Previous	Engine #2	Ambient Air Temperature	Voltage Above Normal	1
Emissions Previous	Exhaust Emission Controller	Ambient Air Temperature	Out of Calibration	1
Emissions Previous	Exhaust Emission Controller	Ambient Air Temperature	Out of Calibration	1
Permanent	Engine #2	J1939 Network #1. Primary Vehicle Network	Special Instruction	1
Permanent	Engine #2	J1939 Network #1. Primary Vehicle Network	Special Instruction	1
Permanent	Engine #2	Engine Position Sensor	Voltage Above Normal	12
Permanent	Exhaust Emission Controller	Manufacturer Assignable SPN	Special Instruction	15
Permanent	Exhaust Emission Controller	Manufacturer Assignable SPN	Special Instruction	15