

 **RITCHIE BROS. Diagnostic Report**  
Auctioneers<sup>®</sup>**2019 Freightliner Cascadia****Test Information**

<b>Engine</b>	Detroit Diesel DD15 (14.8)
<b>Engine Serial</b>	DTDSC*472N16*472910S0548516
<b>VIN</b>	<a href="#">3AKJHHDR2KSKD0265</a>
<b>Driveline</b>	Class 8 6x4
<b>Body</b>	Truck-Tractor MDHD: Conventional
<b>Test Time</b>	Aug. 21, 2025, 1 p.m.
<b>File Length</b>	19.241 s


**Usage**


<b>Label</b>	<b>Value</b>	<b>Units</b>
Engine Odometer	696,376	mi
Engine Total Hours of Operation	16,601.2	h
Aftertreatment 1 Diesel Particulate Filter Soot Load Percent	96	%


**Engine On/Off**

Engine running

## Check Engine Light

 MIL - Emissions malfunction

 Protect Lamp - Non-electric problem

 Amber Warning Lamp - Warning, but OK to drive

## Emissions Deleted/Tampered

No

## Faults

DM	Controller Name	SPN Name	FMI Name	Count
Active	Engine #1	Engine Coolant Level 1	Voltage Below Normal	1
Active	Engine #2	Engine Fan Clutch 1 Output Driver	Current Below Normal	9
Active	Brakes - System Controller	Wheel Sensor ABS Axle 3 Right	Current Below Normal	126
Active	Body Controller	Manufacturer Assignable SPN	Current Below Normal	126
Active	Exhaust Emission Controller	Aftertreatment 1 Diesel Exhaust Fluid Tank Volume	Condition Exists	2
Active	Exhaust Emission Controller	Aftertreatment 1 SCR Intake NOx 1	Data Drifted High	1
Previous	Engine #1	Battery Potential / Power Input	Low-most severe	2
Previous	Engine #1	Manufacturer Assignable SPN	Special Instruction	1
Previous	Engine #1	Manufacturer Assignable SPN	Special Instruction	1
Previous	Engine #2	Key Switch Battery Potential	Erratic, Intermittent, or Incorrect	1
Previous	Engine #2	Battery Potential / Power Input	Low-most severe	2
Previous	Engine #2	Engine Fan Clutch 1 Output Driver	Voltage Below Normal	5
Previous	Exhaust Emission Controller	Battery Potential / Power Input	Low-most severe	1
Previous	Exhaust Emission Controller	Aftertreatment 1 SCR Conversion Efficiency	Low-least severe	2
Previous	Exhaust Emission Controller	Aftertreatment 1 Outlet NOx 1	Data Drifted High	13
Emissions Active	Exhaust Emission Controller	Aftertreatment 1 SCR Intake NOx 1	Data Drifted High	1
Emissions Previous	Engine #2	Engine Fan Clutch 1 Output Driver	Voltage Below Normal	5
Emissions Previous	Exhaust Emission Controller	Aftertreatment 1 Outlet NOx 1	Data Drifted High	13
Emissions Previous	Exhaust Emission Controller	Aftertreatment 1 SCR Conversion Efficiency	Low-least severe	2
Permanent	Exhaust Emission Controller	Aftertreatment 1 SCR Intake NOx 1	Data Drifted High	1