

rb RITCHIE BROS. Diagnostic Report
Auctioneers®

2019 Western Star 4700

Test Information	
Engine	Cummins L9 (9.0)
Engine Serial	CMMNS*6L u17D0890000000*74255367
VIN	5KKAAXFE4KLKC6955
Driveline	Class 8 4x2
Body	Truck MDHD: Conventional
Test Time	June 12, 2026, 11:48 a.m.
File Length	43.13 s
Test Time	May 26, 2026, 4:57 p.m.
File Length	42.887 s
Test Time	May 11, 2023, 12:24 p.m.
File Length	69.682 s
Test Time	April 24, 2023, 1:08 p.m.
File Length	85.634 s

Usage		
Label	Value	Units
Engine Odometer	32,167	mi
Engine Total Hours of Operation	12,306.05	h
Aftertreatment 1 Diesel Particulate Filter Soot Load Percent	17	%

Engine On/Off
Engine running

Check Engine Light
▼ Amber Warning Lamp - Warning, but OK to drive

Emissions Deleted/Tampered
Yes

Faults

<u>DM</u>	<u>Controller Name</u>	<u>SPN Name</u>	<u>FMI Name</u>	<u>Count</u>
Active	Brakes - System Controller	Wheel Sensor ABS Axle 1 Right	Voltage Below Normal	88
Active	Brakes - System Controller	Wheel Sensor ABS Axle 1 Right	Current Below Normal	20
Previous	Engine #1	Unknown	Data Error	5
Previous	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Tank Quality	Abnormal Rate of Change	1
Previous	Engine #1	Engine Fuel 1 Injector Metering Rail 1 Cranking Pressure	Low-moderate severity	1
Previous	Engine #1	Transmission Output Shaft Speed	Data Error	5
Previous	Engine #1	Engine Fuel 1 Injector Metering Rail 1 Cranking Pressure	Low-moderate severity	1
Previous	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Tank Quality	Abnormal Rate of Change	1
Previous	Engine #1	Unknown	Data Error	5
Previous	Engine #1	Transmission Output Shaft Speed	Data Error	5
Previous	Brakes - System Controller	Power Supply (Obsolete)	Voltage Above Normal	2
Previous	Brakes - System Controller	Power Supply (Obsolete)	Voltage Above Normal	2
Previous	Brakes - System Controller	Wheel Sensor ABS Axle 1 Right	Current Below Normal	23
Previous	Brakes - System Controller	Wheel Sensor ABS Axle 1 Right	Voltage Below Normal	75
Emissions Active	Engine #1	ECU Power Output Supply Voltage #1	Erratic, Intermittent, or Incorrect	3
Emissions Active	Engine #1	ECU Power Output Supply Voltage #1	Erratic, Intermittent, or Incorrect	27
Emissions Previous	Engine #1	Engine Fuel 1 Injector Metering Rail 1 Cranking Pressure	Low-moderate severity	1
Emissions Previous	Engine #1	ECU Power Output Supply Voltage #1	Erratic, Intermittent, or Incorrect	27
Emissions Previous	Engine #1	Unknown	Data Error	5
Emissions Previous	Engine #1	Transmission Output Shaft Speed	Data Error	5
Emissions Previous	Engine #1	Unknown	Data Error	5
Emissions Previous	Engine #1	Transmission Output Shaft Speed	Data Error	5
Emissions Previous	Engine #1	ECU Power Output Supply Voltage #1	Erratic, Intermittent, or Incorrect	2
Emissions Previous	Engine #1	Engine Fuel 1 Injector Metering Rail 1 Cranking Pressure	Low-moderate severity	1
Permanent	Engine #1	ECU Power Output Supply Voltage #1	Erratic, Intermittent, or Incorrect	27
Permanent	Engine #1	ECU Power Output Supply Voltage #1	Erratic, Intermittent, or Incorrect	3