

rb RITCHIE BROS. Diagnostic Report
 Auctioneers[®]
2019 Western Star 4900
Test Information

Engine	Cummins X15 (15.0)
Engine Serial	CMMNS*6X3u17D1500000000*80045534*L827542
VIN	5KJJAIEFG7KPKC3891
Driveline	Class 8 6x4
Body	Truck-Tractor MDHD: Conventional
Test Time	March 7, 2025, 11:14 a.m.
File Length	118.891 s


Usage

Label	Value	Units
Engine Odometer	360,630	mi
Engine Total Hours of Operation	14,925.65	h
Aftertreatment 1 Diesel Particulate Filter Soot Load Percent	23	%

Engine On/Off

Engine running

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	Aftertreatment 1 Diesel Exhaust Fluid Line Heater 2 State	Voltage Above Normal	1
Active	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Doser Valve 1	Voltage Above Normal	1
Active	Brakes - System Controller	Wheel Sensor ABS Axle 2 Left	Current Below Normal	49
Previous	Engine #1	Aftertreatment 1 Particulate Sensor	Abnormal Update Rate	1
Previous	Engine #1	Aftertreatment Diesel Particulate Filter Temperature Sensor Module	Abnormal Update Rate	1
Previous	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Tank Temperature 1	Abnormal Update Rate	3
Previous	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Tank Quality	Abnormal Update Rate	1
Previous	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Tank Volume	Low-least severe	2
Previous	Engine #1	Aftertreatment 1 Outlet NOx 1	Abnormal Update Rate	1
Previous	Engine #1	Aftertreatment 1 SCR Intake NOx 1	Abnormal Update Rate	1
Previous	Engine #1	Engine Variable Geometry Turbocharger Actuator #1	Other Failure Mode	3
Previous	Brakes - System Controller	Pressure Modulation Valve ABS Axle 1 Left	Current Above Normal	7
Previous	Brakes - System Controller	Wheel Sensor ABS Axle 2 Left	Current Above Normal	5
Emissions Active	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Doser Valve 1	Voltage Above Normal	1
Emissions Active	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Line Heater 2 State	Voltage Above Normal	1
Emissions Previous	Engine #1	Aftertreatment 1 Particulate Sensor	Abnormal Update Rate	1
Emissions Previous	Engine #1	Aftertreatment Diesel Particulate Filter Temperature Sensor Module	Abnormal Update Rate	1
Emissions Previous	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Tank Temperature 1	Abnormal Update Rate	3
Emissions Previous	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Tank Quality	Abnormal Update Rate	1
Emissions Previous	Engine #1	Aftertreatment 1 Outlet NOx 1	Abnormal Update Rate	1
Emissions Previous	Engine #1	Aftertreatment 1 SCR Intake NOx 1	Abnormal Update Rate	1
Emissions Previous	Engine #1	Engine Variable Geometry Turbocharger Actuator #1	Other Failure Mode	3
Permanent	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Line Heater 2 State	Voltage Above Normal	1
Permanent	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Doser Valve 1	Voltage Above Normal	1