

 RITCHIE BROS. Diagnostic Report
Auctioneers[®]**2022 Peterbilt 579****Test Information**

Engine	Cummins ISX (15.0)
Engine Serial	CMMNS*6X1u20D1500000000*80300598*322117
VIN	1XPBD49X1ND759601
Driveline	Class 8 6x4
Body	Truck-Tractor MDHD: Conventional
Test Time	Oct. 23, 2025, 2:58 p.m.
File Length	66.272 s
Test Time	May 29, 2023, 9:30 a.m.
File Length	86.867 s
Test Time	May 25, 2023, 8:40 a.m.
File Length	32.787 s

Usage

Label	Value	Units
Engine Odometer	768,062	mi
Odometer (Cab Controller - Primary)	768,226	mi
Engine Total Hours of Operation	19,424.9	h
Aftertreatment 1 Diesel Particulate Filter Soot Load Percent	22	%

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 #1	Engine Fuel Leakage 1	High-moderate severity	2
Active	Engine #1	Engine Throttle Actuator 1 Control Command	Not Responding Properly	1
Active	Engine #1	Aftertreatment 1 SCR Intake NOx 1	Data Drifted High	8
Active	Communications Unit, Satellite	Manufacturer Assignable SPN	Data Error	1
Active	Communications Unit, Satellite	Manufacturer Assignable SPN	Data Error	1
Active	Communications Unit, Satellite	Manufacturer Assignable SPN	Data Error	1
Previous	Engine #1	Engine Throttle Valve 1 Position 1	Erratic, Intermittent, or Incorrect	28
Previous	Engine #1	Aftertreatment 1 Outlet NOx Sensor Heater Ratio	Abnormal Rate of Change	21
Previous	Engine #1	Fuel Level 1	Abnormal Update Rate	1
Previous	Transmission #1	Battery Potential / Power Input	Low-most severe	2
Previous	Transmission #1	Transmission Shift Rail 4	Low-least severe	1
Previous	Transmission #1	Transmission Air Tank Pressure	Low-most severe	1
Previous	Transmission #1	Transmission Primary Shift Selector	Data Error	56
Previous	Transmission #1	Transmission Air Tank Pressure	Low-most severe	1
Previous	Brakes - System Controller	J1939 Network #1. Primary Vehicle Network	Erratic, Intermittent, or Incorrect	127
Previous	Brakes - System Controller	Wheel Sensor ABS Axle 2 Left	Erratic, Intermittent, or Incorrect	27
Previous	Brakes - System Controller	Battery Potential / Power Input	Voltage Below Normal	5
Previous	Headway Controller	XBR System State	Data Error	127
Previous	Headway Controller	ABS Fully Operational	Erratic, Intermittent, or Incorrect	127
Previous	Headway Controller	VDC Fully Operational	Erratic, Intermittent, or Incorrect	127
Previous	Headway Controller	Headway Controller Forward Antenna	Voltage Below Normal	127
Previous	Headway Controller	Proprietary Network #1	Abnormal Update Rate	127
Previous	Headway Controller	Relative Speed; Rear Axle #1. Left Wheel	Data Error	127
Previous	Proprietary	Forward View Imager System	Condition Exists	1
Previous	Proprietary	Forward View Imager System	Condition Exists	1
Emissions Active	Engine #1	Engine Throttle Actuator 1 Control Command	Not Responding Properly	1
Emissions Active	Engine #1	Engine Fuel Leakage 1	High-moderate severity	2
Emissions Active	Engine #1	Aftertreatment 1 SCR Intake NOx 1	Data Drifted High	8
Emissions Active	Engine #1	ECU Power Output Supply Voltage #1	Erratic, Intermittent, or Incorrect	4
Emissions Previous	Engine #1	Engine Throttle Valve 1 Position 1	Erratic, Intermittent, or Incorrect	28
Emissions Previous	Engine #1	Aftertreatment 1 Outlet NOx Sensor Heater Ratio	Abnormal Rate of Change	21

Permanent	Engine #1	Engine Throttle Actuator 1 Control Command	Not Responding Properly	1
Permanent	Engine #1	Engine Fuel Leakage 1	High-moderate severity	2
Permanent	Engine #1	Aftertreatment 1 SCR Intake NOx 1	Data Drifted High	8
Permanent	Engine #1	ECU Power Output Supply Voltage #1	Erratic, Intermittent, or Incorrect	4