

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

Engine	Cummins ISX (15.0)
Engine Serial	CMMNS*6X1u21D1500000000*80314733*0000000000
VIN	1XPBD49X8ND777268
Driveline	Class 8 6x4
Body	Truck-Tractor MDHD: Conventional
Test Time	Oct. 23, 2025, 9:36 a.m.
File Length	50.988 s
Test Time	May 29, 2023, 11:20 a.m.
File Length	77.034 s
Test Time	May 24, 2023, 4:06 p.m.
File Length	39.637 s

Usage

Label	Value	Units
Engine Odometer	746,731	mi
Odometer (Cab Controller - Primary)	747,663	mi
Engine Total Hours of Operation	19,058.5	h
Aftertreatment 1 Diesel Particulate Filter Soot Load Percent	18	%

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 Throttle Actuator 1 Control Command	Not Responding Properly	1
Active	Engine #1	Manufacturer Assignable SPN	Voltage Below Normal	1
Active	Engine #1	Engine Throttle Valve 1 Position 1	Erratic, Intermittent, or Incorrect	39
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 Variable Geometry Turbocharger Actuator Software Identification	Abnormal Update Rate	1
Previous	Transmission #1	Battery Potential / Power Input	Low-most severe	7
Previous	Transmission #1	J1939 Network #1. Primary Vehicle Network	Special Instruction	1
Previous	Transmission #1	Transmission Shift Rail 4	Low-least severe	1
Previous	Transmission #1	Transmission Shift Rail 3	Low-least severe	1
Previous	Transmission #1	Transmission Air Tank Pressure	Low-most severe	1
Previous	Transmission #1	J1939 Network #2	Special Instruction	1
Previous	Transmission #1	Transmission Shift Rail 4	Low-least severe	1
Previous	Transmission #1	Transmission Shift Rail 3	Low-least severe	1
Previous	Transmission #1	Transmission Air Tank Pressure	Low-most severe	1
Previous	Transmission #1	Transmission Shift Rail 4	Low-least severe	1
Previous	Transmission #1	Transmission Air Tank Pressure	Low-most severe	2
Previous	Brakes - System Controller	Battery Potential / Power Input	Voltage Below Normal	4
Previous	Brakes - System Controller	J1939 Network #1. Primary Vehicle Network	Erratic, Intermittent, or Incorrect	2
Previous	Brakes - System Controller	Brake Signal Sensor 2	Erratic, Intermittent, or Incorrect	1
Previous	Headway Controller	XBR System State	Data Error	127
Previous	Headway Controller	ABS Fully Operational	Erratic, Intermittent, or Incorrect	127
Previous	Headway Controller	J1939 Network #1. Primary Vehicle Network	Data Error	127
Previous	Headway Controller	Proprietary Network #1	Abnormal Update Rate	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	Proprietary Network #1	Abnormal Update Rate	127
Previous	Proprietary	Forward View Imager System	Voltage Below Normal	11
Emissions Active	Engine #1	Engine Throttle Actuator 1 Control Command	Not Responding Properly	1
Emissions Active	Engine #1	Manufacturer Assignable SPN	Voltage Below Normal	1
Emissions Active	Engine #1	Engine Throttle Valve 1 Position 1	Erratic, Intermittent, or Incorrect	39
Emissions Active	Engine #1	ECU Power Output Supply Voltage #1	Erratic, Intermittent, or Incorrect	2
Permanent	Engine #1	ECU Power Output Supply Voltage #1	Erratic, Intermittent, or Incorrect	2
Permanent	Engine #1	Engine Throttle Valve 1 Position 1	Erratic, Intermittent, or Incorrect	39
Permanent	Engine #1	Manufacturer Assignable SPN	Voltage Below Normal	1
Permanent	Engine #1	Engine Throttle Actuator 1 Control Command	Not Responding Properly	1