RITCHIE BROS. Auctioneers Diagnostic Report

2020 Peterbilt 579

Test Information

Engine	PACCAR MX/MX-13 (12.9)
Engine Serial	PCAR*MX16U19D13*Y217386*00000000
VIN	1XPBDP9X2LD679772
Driveline	Class 8 6x4
Body	Truck-Tractor
Test Time	Nov. 9, 2026, 4:28 p.m.
File Length	49.771 s

Usage

Label	Value	Units
Engine Odometer	641,957	mi
Odometer (Cab Controller - Primary)	641,972	mi
Engine Total Hours of Operation	14,372.45	h
Aftertreatment 1 Diesel Particulate Filter Soot Load Percent	18	%

Engine On/Off

Engine was off during test

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	Engine Exhaust Gas Recirculation 1 Valve 1 Control 1	Erratic, Intermittent, or Incorrect	1
Active	Engine #1	Engine Exhaust Pressure Regulator Control Command	Erratic, Intermittent, or Incorrect	1
Active	Engine #1	Engine Exhaust Pressure Regulator Position	High-moderate severity	1
Active	Engine #1	Engine Exhaust Gas Recirculation 1 Valve Position	Low-moderate severity	1
Active	Engine #1	Engine Exhaust Gas Recirculation 1 Valve 2 Control	Other Failure Mode	2
Active	Engine #1	Engine Torque Limit Request - Maximum Continuous	Other Failure Mode	55
Previous	Brakes - System Controller	J1939 Network #1. Primary Vehicle Network	Erratic, Intermittent, or Incorrect	127
Previous	Headway Controller	Foundation Brake Use	Abnormal Update Rate	127
Previous	Proprietary	Lane Departure Warning Enable Command	Voltage Below Normal	2
Emissions Active	Engine #1	Engine Exhaust Gas Recirculation 1 Valve Position	Low-moderate severity	1
Emissions Active	Engine #1	Engine Exhaust Pressure Regulator Position	High-moderate severity	1
Emissions Active	Engine #1	Engine Exhaust Pressure Regulator Control Command	Erratic, Intermittent, or Incorrect	1
Emissions Active	Engine #1	Engine Exhaust Gas Recirculation 1 Valve 1 Control 1	Erratic, Intermittent, or Incorrect	1
Permanent	Engine #1	Engine Exhaust Gas Recirculation 1 Valve 1 Control 1	Erratic, Intermittent, or Incorrect	1
Permanent	Engine #1	Engine Exhaust Pressure Regulator Control Command	Erratic, Intermittent, or Incorrect	1
Permanent	Engine #1	Engine Exhaust Pressure Regulator Position	High-moderate severity	1
Permanent	Engine #1	Engine Exhaust Gas Recirculation 1 Valve Position	Low-moderate severity	1