RITCHIE BROS. Auctioneers Diagnostic Report

2020 International LT

Test Information

Engine	Cummins X15 Signature (15.0)
Engine Serial	CMMNS*6X1u17D1500000000*80180809*0000000000
VIN	3HSDZAPR1LN814243
Driveline	Class 8 6x4
Body	Truck-Tractor
Test Time	Aug. 19, 2026, 9:14 a.m.
File Length	42.799 s

Usage

Label	Value	Units
Engine Odometer	690,026	mi
Odometer (Instrument Cluster #1)	690,026	mi
Engine Total Hours of Operation	17,578.2	h
Aftertreatment 1 Diesel Particulate Filter Soot Load Percent	17	%

Engine On/Off

Engine running

Check Engine Light

MIL - Emissions malfunction

Emissions Deleted/Tampered

No

Faults

DM	Controller Name	SPN Name	FMI Name	Count
Active	Engine #1	Engine Intake Manifold #1 Pressure	Low-least severe	1
Active	Engine #1	Aftertreatment 1 Intake Gas Sensor 1 Heater Preliminary FMI	Current Below Normal	1
Active	Engine #1	Engine Throttle Actuator 1 Control Command	Not Responding Properly	1
Active	Engine #1	Aftertreatment Diesel Particulate Filter System	Erratic, Intermittent, or Incorrect	1
Active	Engine #1	Aftertreatment 1 Particulate Sensor Regeneration Status	High-moderate severity	5
Previous	Engine #1	Engine Throttle Valve 1 Position 1	Erratic, Intermittent, or Incorrect	6
Previous	Engine #1	Aftertreatment 1 Particulate Sensor	Voltage Above Normal	1
Previous	Transmission #1	Transmission Clutch Actuator	Not Responding Properly	2
Previous	Transmission #1	Percent Clutch Slip	Not Responding Properly	7
Previous	Transmission #1	Parking Brake Switch	Special Instruction	1
Previous	Body Controller	Differential Lock State - Rear Axle 2	Erratic, Intermittent, or Incorrect	6
Previous	Body Controller	Differential Lock State - Rear Axle 1	Erratic, Intermittent, or Incorrect	7
Previous	Body Controller	Horn	Current Below Normal	35
Previous	Body Controller	Headlamp Low Beam Right #1	Current Below Normal	25
Previous	Body Controller	Engine Cylinder 1 Heat Release	High-most severe	124
Previous	Body Controller	Electrical Load Shed OFF	Current Below Normal	1
Previous	Body Controller	Source Address 58	Special Instruction	2
Previous	Lighting - Operator Controls	Source Address 33	Abnormal Update Rate	1
Previous	Proprietary	Source Address 33	Abnormal Update Rate	11
Previous	Proprietary	Source Address 33	Abnormal Update Rate	1
Previous	Proprietary	Manufacturer Assignable SPN	Data Error	2
Emissions Active	Engine #1	Aftertreatment 1 Particulate Sensor Regeneration Status	High-moderate severity	5
Emissions Active	Engine #1	Aftertreatment Diesel Particulate Filter System	Erratic, Intermittent, or Incorrect	1
Emissions Active	Engine #1	Engine Throttle Actuator 1 Control Command	Not Responding Properly	1
Emissions Active	Engine #1	Aftertreatment 1 Intake Gas Sensor 1 Heater Preliminary FMI	Current Below Normal	1
Emissions Previous	Engine #1	Engine Throttle Valve 1 Position 1	Erratic, Intermittent, or Incorrect	6
Emissions Previous	Engine #1	Aftertreatment 1 Particulate Sensor	Voltage Above Normal	1
Permanent	Engine #1	Aftertreatment 1 Intake Gas Sensor 1 Heater Preliminary FMI	Current Below Normal	1
Permanent	Engine #1	Engine Throttle Actuator 1 Control Command	Not Responding Properly	1
Permanent	Engine #1	Aftertreatment Diesel Particulate Filter System	Erratic, Intermittent, or Incorrect	1
Permanent	Engine #1	Aftertreatment 1 Particulate Sensor Regeneration Status	High-moderate severity	5