



## 2018 International HX

### Test Information

**Engine** Cummins X15 Signature (15.0)  
**Engine Serial** CMMNS\*6X3u17D15000000DU\*80288242\*0000000000  
**VIN** [3HSDPAPTXJN714348](#)  
**Driveline** Class 8 6x4  
**Body** Truck-Tractor MDHD: Conventional  
**Test Time** May 16, 2025, 1:20 p.m.  
**File Length** 42.886 s

### Usage

Label	Value	Units
Engine Odometer	432,196	mi
Odometer (Instrument Cluster #1)	432,196	mi
Engine Total Hours of Operation	15,316.85	h
Aftertreatment 1 Diesel Particulate Filter Soot Load Percent	75	%

### Engine On/Off

Engine running

## Check Engine Light

- MIL - Emissions malfunction
- ▼ Amber Warning Lamp - Warning, but OK to drive

## Emissions Deleted/Tampered

Yes

# Faults

DM	Controller Name	SPN Name	FMI Name	Count
Active	Engine #1	Aftertreatment 1 SCR Intake NOx 1	Abnormal Update Rate	2
Active	Engine #1	Aftertreatment 1 Particulate Sensor Heater High Side Driver Preliminary FMI	Voltage Below Normal	1
Active	Engine #1	Aftertreatment 1 Particulate Sensor	Abnormal Update Rate	2
Active	Engine #1	Aftertreatment Diesel Particulate Filter Temperature Sensor Module	Abnormal Update Rate	2
Active	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Line Heater 3 State	Voltage Above Normal	1
Active	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Line Heater 2 State	Voltage Above Normal	1
Active	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Line Heater 1 State	Voltage Above Normal	1
Active	Engine #1	Aftertreatment 1 Diesel Particulate Filter Ash Load Percent	High-least severe	1
Active	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Tank Temperature 1	Abnormal Update Rate	1
Active	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Tank Volume	Abnormal Update Rate	1
Active	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Tank Quality	Abnormal Update Rate	1
Active	Engine #1	Aftertreatment 1 Outlet NOx 1	Abnormal Update Rate	2
Active	Brakes - System Controller	Wheel Sensor ABS Axle 3 Left	Erratic, Intermittent, or Incorrect	25
Previous	Brakes - System Controller	Battery Potential / Power Input	Voltage Below Normal	2
Previous	Brakes - System Controller	Wheel Sensor ABS Axle 2 Left	Erratic, Intermittent, or Incorrect	1
Previous	Instrument Cluster #1	Illumination Brightness Percent	Voltage Below Normal	36
Previous	Instrument Cluster #1	Brake Secondary Pressure	Voltage Below Normal	23
Previous	Instrument Cluster #1	Brake Primary Pressure	Voltage Below Normal	5
Previous	Instrument Cluster #1	Fuel Level 1	Voltage Above Normal	2
Previous	Instrument Cluster #1	Source Address 11	Abnormal Update Rate	12
Previous	Body Controller	Source Address 0	Data Error	2
Previous	Body Controller	Brake Switch	Not Responding Properly	6
Emissions Active	Engine #1	Aftertreatment 1 Particulate Sensor Heater High Side Driver Preliminary FMI	Voltage Below Normal	1
Emissions Active	Engine #1	Aftertreatment 1 Particulate Sensor	Abnormal Update Rate	2
Emissions Active	Engine #1	Aftertreatment Diesel Particulate Filter Temperature Sensor Module	Abnormal Update Rate	2
Emissions Active	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Line Heater 3 State	Voltage Above Normal	1

Emissions Active	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Line Heater 2 State	Voltage Above Normal	1
Emissions Active	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Line Heater 1 State	Voltage Above Normal	1
Emissions Active	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Tank Temperature 1	Abnormal Update Rate	1
Emissions Active	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Tank Quality	Abnormal Update Rate	1
Emissions Active	Engine #1	Aftertreatment 1 Outlet NOx 1	Abnormal Update Rate	2
Emissions Active	Engine #1	Aftertreatment 1 SCR Intake NOx 1	Abnormal Update Rate	2
Permanent	Engine #1	Aftertreatment 1 Particulate Sensor	Abnormal Update Rate	2
Permanent	Engine #1	Aftertreatment Diesel Particulate Filter Temperature Sensor Module	Abnormal Update Rate	2
Permanent	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Line Heater 3 State	Voltage Above Normal	1
Permanent	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Line Heater 2 State	Voltage Above Normal	1
Permanent	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Line Heater 1 State	Voltage Above Normal	1
Permanent	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Tank Temperature 1	Abnormal Update Rate	1
Permanent	Engine #1	Aftertreatment 1 Diesel Exhaust Fluid Tank Quality	Abnormal Update Rate	1
Permanent	Engine #1	Aftertreatment 1 Outlet NOx 1	Abnormal Update Rate	2
Permanent	Engine #1	Aftertreatment 1 SCR Intake NOx 1	Abnormal Update Rate	2
Permanent	Engine #1	Aftertreatment 1 Particulate Sensor Heater High Side Driver Preliminary FMI	Voltage Below Normal	1