

Cat Electronic Technician 2025B v1.0

Product Status Report

26/09/2025 4:39 PM

Product Status Report

Parameter	Value
Engine Serial Number	NXS32058
Equipment ID	5KKJAEAV29PZ07778
Comments	

C15 Truck (NXS32058)

Parameter	Value
Vehicle ID	5KKJAEAV29PZ07778
Engine Serial Number	NXS32058
ECM Serial Number	00486054JX
Personality Module Part Number	3081305-00
Personality Module Release Date	OCT07
Personality Module Code	52
ECM Date/Time	26/09/2025 4:27:24 PM

Critical Events - C15 Truck (NXS32058)

Code	Description	Start Time	Elapsed	Extreme	Average
111-11	Very Low Coolant Level (62)	15/09/2025 8:09:03 AM	00:00:53	N/A	N/A
84-14	Quick Stop Occurrence	26/02/2012 8:51:38 PM	00:00:00	N/A	N/A

Logged Diagnostic Codes [Diagnostic Clock = 10471 hours] - C15 Truck (NXS32058)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 10471 hours] - C15 Truck (NXS32058)

Code	Description	Occ.	First	Last
84-14	Quick Stop Occurrence	127	4949	10471
71- 1	Idle Shutdown (47)	127	4957	10469
111- 1	Low Coolant Level Warning (62)	1	10461	10461
111-11	Very Low Coolant Level (62)	1	10461	10461

Active Diagnostic Codes - C15 Truck (NXS32058)

Code	Description
No Active Diagnostic Codes	

Current Totals - C15 Truck (NXS32058)

Description	Value	Unit
Total Time	10039:09	hours
Total PTO Time	0:00	hours
Total Idle Time	2429:27	hours
Total Distance	590954	km
Total Fuel	350255	L
Total PTO Fuel	0	L
Total Idle Fuel	4242	L
Total Max Fuel	610899	L
Average Load Factor	57	%
Lifetime Total Engine Revolutions	725866000	

Configuration - C15 Truck (NXS32058)

Description	Value	Unit
Rating Number	1	
Rating Type	Standard	
Multi-Torque Ratio	Unavailable	
Advertised Power	410 kW	
Governed Speed	2100 rpm	
Rated Peak Torque	2508 N-m @ 1200 rpm	
Top Engine Speed Range	2120 - 2120 rpm	
Test Spec	0K7936-00	
Test Spec with BrakeSaver		
Vehicle ID	5KKJAEAV29PZ07778	
Engine Serial Number	NXS32058	
ECM Serial Number	00486054JX	
Personality Module Part Number	3081305-00	
Personality Module Release Date	OCT07	
Total Tattletale	74	
Last Tool to Change Customer Parameters	ET357621	
Last Tool to Change System Parameters	ET202757	
ECM Wireless Communications Enable	No	
Vehicle Speed Calibration	19706	P/km
Vehicle Speed Cal (J1939-Trans)	Unavailable	R/km
Vehicle Speed Cal (J1939-ABS)	Unavailable	Ratio
Vehicle Speed Limit	100	km/h
VSL Protection	1498	rpm
Tachometer Calibration	12.0	PPR
Soft Vehicle Speed Limit	No	
Two Speed Axle - Low Speed Range Axle Ratio	Unavailable	
Nominal Axle Ratio - High Speed Range Axle Ratio	Unavailable	
Low Cruise Control Speed Set Limit	24	km/h
High Cruise Control Speed Set Limit	100	km/h
Engine Retarder Mode	Manual	

Engine Retarder Minimum VSL Type	Hard Limit	
Engine Retarder Minimum Vehicle Speed	0	km/h
Auto Retarder in Cruise (0 = Off)	0	km/h
Auto Retarder in Cruise Increment	0	km/h
Cruise/Idle/PTO Switch Configuration	Set/Decel-Res/Accel	
SoftCruise Control	No	
Adaptive Cruise Control Enable	Disabled	
Idle Vehicle Speed Limit	13	km/h
Idle RPM Limit	1100	rpm
Idle/PTO RPM Ramp Rate	50	rpm/s
Idle/PTO Bump RPM	20	rpm
PTO Configuration	Off	
PTO Top Engine Limit	Unavailable	rpm
PTO Engine RPM Set Speed (0 = Off)	Unavailable	rpm
PTO Engine RPM Set Speed A (0 = Off)	Unavailable	rpm
PTO Engine RPM Set Speed B (0 = Off)	Unavailable	rpm
PTO to Set Speed	Unavailable	
Maximum PTO Enable Speed	Unavailable	rpm
PTO Cab Controls RPM Limit	Unavailable	
PTO Kickout Vehicle Speed Limit	Unavailable	km/h
Torque Limit	Unavailable	N-m
PTO Shutdown Time (0 = Off)	Unavailable	min
PTO Shutdown Timer Maximum RPM	Unavailable	rpm
PTO Low Idle Shutdown Load Percentage Threshold	Unavailable	%
PTO Activates Cooling Fan	Unavailable	
Lower Gears Engine RPM Limit	2120	rpm
Lower Gears Turn Off Speed	5	km/h
Intermediate Gears Engine RPM Limit	2120	rpm
Intermediate Gears Turn Off Speed	8	km/h
Gear Down Protection RPM Limit	2120	rpm
Gear Down Protection Turn On Speed	100	km/h
Low Idle Engine RPM	600	rpm
Transmission Style	Manual Option 1	
Eaton Top 2 Override with Cruise Switch	Unavailable	
Top Gear Ratio	0.730	
Top Gear Minus One Ratio	0.860	
Top Gear Minus Two Ratio	0.000	
Governor Type	Full Range	
Idle Shutdown Time (0 = Off)	10	min
Idle Shutdown Timer Maximum RPM	2120	rpm
Allow Idle Shutdown Override	No	
Minimum Idle Shutdown Outside Temperature	Not Installed	Deg C
Maximum Idle Shutdown Outside Temperature	Not Installed	Deg C
A/C Switch Fan On-Time (0 = Off)	180	sec
Fan with Engine Retarder in High Mode	No	

Engine Retarder Delay	0.0	sec
Battery Monitor and Engine Control Voltage	0.0	Volts
Engine Monitoring Mode	Shutdown	
Engine Monitoring Lamps	Warning Lamp	
Coolant Level Sensor	4-pin	
Maintenance Indicator Mode	Off	
PM1 Interval	0	km
Engine Oil Capacity	38	L
Fuel Correction Factor	0	%
Dash - Change Fuel Correction Factor	No	
Dash - PM1 Reset	No	
Dash - Fleet Trip Reset	No	
Dash - State Selection	Yes	
Theft Deterrent System Control	No	
Theft Deterrent Password	*****	
Quick Stop Rate	11	km/h/s
Vehicle Overspeed Threshold	204	km/h
Minimum Idle Time (0 = Off)	0	min
Driver Reward Enable	Disabled	
Fan Override Switch	J1/P1:7	
Transmission Neutral Switch	None	
Ignore Brake/Clutch Switch	Unavailable	
Torque Limit Switch	Unavailable	
Diagnostic Enable Switch	None	
PTO On/Off Switch	Unavailable	
Remote PTO Set Switch	Unavailable	
Remote PTO Resume Switch	Unavailable	
PTO Engine RPM Set Speed Input A	Unavailable	
PTO Engine RPM Set Speed Input B	Unavailable	
Starting Aid On/Off Switch	None	
Two Speed Axle Switch	None	
Cruise Control On/Off Switch	J1/P1:59	
Cruise Control Set/Resume/Accel/Decel Switch	J1/P1:35 & 44	
Cruise Control Pause Switch	None	
Clutch Pedal Position Switch	J1/P1:22	
Retarder Off/Low/Med/High Switch	J1/P1:23 & 40	
Service Brake Pedal Position Switch #1	J1/P1:45	
Accelerator Pedal Position	J1/P1:66	
Vehicle Speed Input	J1/P1:32 & 33	
Stationary Park Brake Input Configuration	None	
Engine Running Output	None	
Engine Shutdown Output	None	
Auxiliary Brake	None	
Starting Aid Output	None	
Fan Control Type	On/Off PWM	
Engine Retarder Maximum Setting	High	
PTO Active Output	Unavailable	

Customer Password #1	*****	
Customer Password #2	*****	
Powertrain Data Link	None	
Personality Module Code	52	
FLS	65	
FTS	-48	

Total Time vs Vehicle Speed - C15 Truck (NXS32058)

Vehicle Speed(km/h)	hours	%
0-7	326.55	4.29
8-15	221.60	2.91
16-23	191.20	2.51
24-31	205.30	2.70
32-39	227.40	2.99
40-47	269.70	3.54
48-55	287.50	3.78
56-63	276.10	3.63
64-71	279.20	3.67
72-79	340.20	4.47
80-87	508.90	6.69
88-95	1318.25	17.32
96-103	3128.15	41.10
104-111	28.95	0.38
112-119	1.25	0.02
120-128	0.00	0.00

Total Time vs Engine Speed - C15 Truck (NXS32058)

Engine Speed(rpm)	hours	%
0-599	97.30	1.28
600-699	134.15	1.76
700-799	65.55	0.86
800-899	94.30	1.24
900-999	135.40	1.78
1000-1099	200.60	2.64
1100-1199	306.70	4.03
1200-1299	499.35	6.56
1300-1399	1005.50	13.21
1400-1499	3544.60	46.58
1500-1599	1029.00	13.52
1600-1699	273.25	3.59
1700-1799	156.40	2.06
1800-1899	43.00	0.57
1900-1999	16.75	0.22
2000-2099	6.40	0.08
2100-2199	1.95	0.03
2200-2299	0.05	0.00
2300-2399	0.00	0.00
2400-2499	0.00	0.00

2500-2599	0.00	0.00
2600-2700	0.00	0.00

Total Time vs Engine Speed And Vehicle Speed - C15 Truck (NXS32058)

rpm	0-599	600-699	700-799	800-899	900-999	1000-1099	1100-1199	1200-1299	1300-1399
km/h									
0-7	66.55	91.35	30.35	33.25	33.80	24.80	19.80	13.45	8.65
8-15	16.70	22.70	13.95	19.25	22.60	32.00	27.65	23.85	17.15
16-23	8.70	11.45	10.90	16.50	21.95	25.10	22.50	20.45	17.25
24-31	3.25	4.95	4.85	10.35	14.35	23.45	31.75	37.40	22.80
32-39	1.15	2.05	3.10	5.45	13.50	21.65	31.00	34.95	37.70
40-47	0.35	0.75	1.10	4.60	12.95	17.75	35.10	40.55	57.95
48-55	0.10	0.20	1.00	2.55	6.95	20.55	32.00	48.05	50.30
56-63	0.05	0.10	0.05	2.00	4.95	13.10	24.15	52.60	42.90
64-71	0.05	0.05	0.00	0.05	3.95	16.55	21.40	36.20	58.95
72-79	0.05	0.05	0.00	0.00	0.10	5.30	59.90	26.70	107.25
80-87	0.00	0.05	0.00	0.00	0.00	0.05	1.15	164.50	84.45
88-95	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.40	498.90
96-103	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.95
104-111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112-119	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120-127	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	96.95	133.70	65.30	94.00	135.10	200.30	306.45	499.10	1005.20

Total Time vs Engine Speed And Vehicle Speed - C15 Truck (NXS32058)

rpm	1400-1499	1500-1599	1600-1699	1700-1799	1800-1899	1900-1999	2000-2099	2100-2199	2200-2299
km/h									
0-7	2.35	0.80	0.35	0.25	0.15	0.10	0.00	0.00	0.00
8-15	12.35	5.90	3.35	1.90	1.10	0.55	0.20	0.05	0.00
16-23	13.30	11.70	4.30	3.00	1.70	0.75	0.80	0.45	0.00
24-31	23.40	7.75	8.45	5.70	2.75	2.00	1.40	0.20	0.00
32-39	24.00	30.65	10.90	6.00	3.80	0.60	0.25	0.30	0.00
40-47	38.85	32.05	13.05	7.30	3.95	2.20	0.65	0.15	0.00
48-55	49.60	38.50	20.35	11.45	4.10	0.85	0.45	0.10	0.00
56-63	61.50	28.95	25.65	14.05	3.20	1.85	0.50	0.05	0.00
64-71	68.00	23.40	33.55	9.70	4.15	2.25	0.45	0.05	0.00
72-79	29.30	66.45	26.75	8.55	7.75	1.40	0.20	0.10	0.00
80-87	128.90	85.55	18.00	21.40	2.30	1.25	0.65	0.15	0.00
88-95	656.50	60.60	92.10	0.85	6.05	2.35	0.00	0.10	0.00
96-103	2436.30	620.40	3.25	65.00	1.15	0.20	0.60	0.00	0.00
104-111	0.00	15.90	12.45	0.00	0.50	0.05	0.00	0.00	0.00
112-119	0.00	0.00	0.35	0.85	0.00	0.00	0.00	0.00	0.00
120-127	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	3544.35	1028.60	272.85	156.00	42.65	16.40	6.15	1.70	0.00

Total Time vs Engine Speed And Vehicle Speed - C15 Truck (NXS32058)

rpm	2300-2399	2400-2499	2500-2599	2600-2699	Total
-----	-----------	-----------	-----------	-----------	-------

km/h					
0-7	0.00	0.00	0.00	0.00	326.00
8-15	0.00	0.00	0.00	0.00	221.25
16-23	0.00	0.00	0.00	0.00	190.80
24-31	0.00	0.00	0.00	0.00	204.80
32-39	0.00	0.00	0.00	0.00	227.05
40-47	0.00	0.00	0.00	0.00	269.30
48-55	0.00	0.00	0.00	0.00	287.10
56-63	0.00	0.00	0.00	0.00	275.65
64-71	0.00	0.00	0.00	0.00	278.75
72-79	0.00	0.00	0.00	0.00	339.85
80-87	0.00	0.00	0.00	0.00	508.40
88-95	0.00	0.00	0.00	0.00	1317.90
96-103	0.00	0.00	0.00	0.00	3127.85
104-111	0.00	0.00	0.00	0.00	28.90
112-119	0.00	0.00	0.00	0.00	1.20
120-127	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	7604.80

Injector Trim Calibration - C15 Truck (NXS32058)

Injector	Serial Number	File Version
Injector1	005A514220113A	0
Injector2	005A514219162F	0
Injector3	005A514220073D	0
Injector4	005A5142197043	0
Injector5	005A5142198795	0
Injector6	005A5142195475	0

Trip Segment - Driver - C15 Truck (NXS32058)

Description	Value	Unit
Time	10039:09	hours
Driving Time	7609:42	hours
Distance	590954.1	km
Fuel	350255.2	L
Overall Fuel Economy	1.69	km/L
Driving Fuel Economy	1.71	km/L
Idle Time	2429:26	hours
Idle Fuel	4242.0	L
% Idle Time	24	%
PTO Time	0:00	hours
PTO Fuel	0.0	L
% PTO Time	0	%
Avg Load Factor	57	%
Avg Vehicle Speed	58.9	km/h
Avg Driving Speed	77.7	km/h
Max Vehicle Speed	124	km/h
Max Engine Speed	2359	rpm
Start Time	0:00	hours

End Time	10039:09	hours
Start Odometer	0.0	km
End Odometer	590954.0	km

Trip Segment - Fleet - C15 Truck (NXS32058)

Description	Value	Unit
Time	10039:09	hours
Driving Time	7609:42	hours
Distance	590954.1	km
Fuel	350255.2	L
Overall Fuel Economy	1.69	km/L
Driving Fuel Economy	1.71	km/L
Idle Time	2429:26	hours
Idle Fuel	4242.0	L
% Idle Time	24	%
PTO Time	0:00	hours
PTO Fuel	0.0	L
% PTO Time	0	%
Avg Load Factor	57	%
Avg Vehicle Speed	58.9	km/h
Avg Driving Speed	77.7	km/h
Max Vehicle Speed	124	km/h
Max Engine Speed	2359	rpm
Start Time	0:00	hours
End Time	10039:09	hours
Start Odometer	0.0	km
End Odometer	590954.0	km

Maintenance Indicator - C15 Truck (NXS32058)

Description	Service Status	Value	Unit
PM1	---	Unavailable	km
PM2	---	Unavailable	km
Coolant Flush/Fill	---	Unavailable	km