

Caterpillar Electronic Technician 2010C v1.0 Warranty Report

6/26/2015 2:46 PM

C15 Truck (MXS88573)

Parameter	Value
Vehicle ID	672468D
Engine Serial Number	MXS88573
ECM Serial Number	11066340JX
Personality Module Part Number	3014631-00
Personality Module Release Date	OCT06
Personality Module Code	28
ECM Date/Time	1/1/2036+

Summary Information

Engine Serial Number	MXS88573
ECM Date/Time	1/1/2036+
Report file Creation PC Date and Time	26/06/15 02:41:11 PM
Report file Last Modified PC Date and Time	26/06/15 02:46:19 PM
Total Distance	1084782 Miles
Total Time	41981:09 hours
Total Fuel	219499 Gal
Diagnostic Clock	42139 hours
Vehicle ID	672468D
ECM Serial Number	11066340JX
Personality Module Part Number	3014631-00
Personality Module Release Date	OCT06
Personality Module Code	28
Service Tool Version	2010C v1.0

Service Tool Serial Number	ET381324
Service Tool Subscription	NEXG5009 On-Highway Truck Customer ET
Default Report file name	WRPTXXXXXXXXMXS88573150626144111
Report Version	1.2

User Information

Caterpillar Dealer Code:	
Dealer Code where repair performed:	
Repair Date:	26 June 2015
Part Number(s) Causing Failure:	
Work Order# or Dealer Claim#:	
Technician Name:	Sturdivan Collision Analysis
Customer Complaint(s):	
Comments:	
Explanation of Problem:	
Cab Type:	
Truck Make and Model:	2007 Peterbily

ECM Information

Critical Events

Description	Start Time	Elapsed	Extreme	Average
C15 Truck (MXS88573) - Diagnostic Clock = 42139 hours				
No Critical Events.				

Logged Diagnostic Codes

Code	Description	Occ.	First	Last
C15 Truck (MXS88573) - Diagnostic Clock = 42139 hours				
No Logged Diagnostic Codes				

Logged Event Codes

Code	Description	Occ.	First	Last
C15 Truck (MXS88573) - Diagnostic Clock = 42139 hours				
111- 1	Low Coolant Level Warning (62)	3	42109	42139

Active Diagnostic Codes

Code	Description
C15 Truck (MXS88573) - Diagnostic Clock = 42139 hours	
111- 1	Low Coolant Level Warning (62)

Current Totals

Description	Value	Unit
Total Time	41981:09	hours
Total PTO Time	0:00	hours
Total Idle Time	23468:15	hours
Total Distance	1084782	Miles
Total Fuel	219499	Gal
Total PTO Fuel	0	Gal
Total Idle Fuel	16570	Gal

Total Max Fuel	556720	Gal
Average Load Factor	37	%
Lifetime Total Engine Revolutions	2593142000	

Configuration

Description	Value	Unit
C15 Truck (MXS88573)		
Rating Number	1	
Rating Type	Standard	
Multi-Torque Ratio	Unavailable	
Advertised Power	475 HP	
Governed Speed	2100 RPM	
Rated Peak Torque	1850 lb-ft @ 1200 RPM	
Top Engine Speed Range	2120 - 2120 RPM	
Test Spec	0K5925-00	
Test Spec with BrakeSaver		
Vehicle ID	672468D	
Engine Serial Number	MXS88573	
ECM Serial Number	11066340JX	
Personality Module Part Number	3014631-00	
Personality Module Release Date	OCT06	
Total Tattletale	55	
Last Tool to change Customer Parameters	ET525815	
Last Tool to change System Parameters	00000000	
ECM Wireless Communications Enable	No	
Vehicle Speed Calibration	26450	P/mile
Vehicle Speed Cal (J1939-Trans)	Unavailable	R/Mile
Vehicle Speed Cal (J1939-ABS)	Unavailable	Ratio
Vehicle Speed Limit	80	MPH
VSL Protection	2092	RPM
Tachometer Calibration	113.0	PPR
Soft Vehicle Speed Limit	No	
Two Speed Axle - Low Speed Range Axle Ratio	Unavailable	
	Unavailable	

Nominal Axle Ratio - High Speed Range Axle Ratio		
Low Cruise Control Speed Set Limit	30	MPH
High Cruise Control Speed Set Limit	80	MPH
Engine Retarder Mode	Manual	
Engine Retarder Minimum VSL Type	Hard Limit	
Engine Retarder Minimum Vehicle Speed	1	MPH
Auto Retarder in Cruise (0 = Off)	2	MPH
Auto Retarder in Cruise Increment	1	MPH
Cruise/Idle/PTO Switch Configuration	Set/Accel-Res/Decel	
SoftCruise Control	No	
Adaptive Cruise Control Enable	Disabled	
Idle Vehicle Speed Limit	1	MPH
Idle RPM Limit	1400	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	MPH
Torque Limit	Unavailable	lb-ft
PTO Shutdown Time (0 = Off)	Unavailable	min
PTO Shutdown Timer Maximum RPM	Unavailable	RPM
PTO Activates Cooling Fan	Unavailable	
Lower Gears Engine RPM Limit	2120	RPM
Lower Gears Turn Off Speed	3	MPH
Intermediate Gears Engine RPM Limit	2120	RPM
Intermediate Gears Turn Off Speed	10	MPH
Gear Down Protection RPM Limit	2320	RPM
Gear Down Protection Turn On Speed	127	MPH
Low Idle Engine RPM	700	RPM
Transmission Style	Manual Option 1	
Eaton Top 2 Override with Cruise Switch	Unavailable	
Top Gear Ratio	0.730	

Top Gear Minus One Ratio	0.000	
Top Gear Minus Two Ratio	0.000	
Governor Type	Full Range	
Idle Shutdown Time (0 = Off)	0	min
Idle Shutdown Timer Maximum RPM	2120	RPM
Allow Idle Shutdown Override	Yes	
Minimum Idle Shutdown Outside Temperature	Not Installed	Deg F
Maximum Idle Shutdown Outside Temperature	Not Installed	Deg F
A/C Switch Fan On-Time (0 = Off)	1	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	Derate	
Engine Monitoring Lamps	Option 1	
Coolant Level Sensor	4-pin	
Maintenance Indicator Mode	Off	
PM1 Interval	0	Miles
Engine Oil Capacity	40	Qts
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	0	MPH/S
Vehicle Overspeed Threshold	127	MPH
Minimum Idle Time (0 = Off)	0	min
Driver Reward Enable	Disabled	
Fan Override Switch	J1/P1:46	
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	
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	J1939	
Personality Module Code	28	
FLS	-16	
FTS	1	

Histogram - Total Time vs Engine Speed

Engine Speed (RPM)	Total Time (hours)
0-599	11.95
600-699	347.00
700-799	512.20
800-899	209.05
900-999	320.90
1000-1099	570.45
1100-1199	1374.80
1200-1299	2688.75
1300-1399	4014.20

1400-1499	4560.30
1500-1599	3175.25
1600-1699	505.60
1700-1799	151.70
1800-1899	51.65
1900-1999	12.75
2000-2099	3.70
2100-2199	1.05
2200-2299	0.00
2300-2399	0.00
2400-2499	0.00
2500-2599	0.00
2600-2699	0.00

Cylinder Cutout Reports

Cylinder Cutout - Not OK

Not Included

Cylinder Cutout - OK

Not Included

Additional Service Tool Files
