

# Cat Electronic Technician 2020C v1.0

## Product Status Report

4/15/2021 3:13 PM

### Product Status Report

Parameter	Value
Engine Serial Number	SDN00908
Equipment ID	NOT PROGRAMMED
Comments	

### C32 ACERT Starboard (SDN00908)

Parameter	Value
Equipment ID	NOT PROGRAMMED
Engine Serial Number	SDN00908
ECM Serial Number	01456156JV
Software Group Part Number	452241200
Software Group Release Date	DEC13
Software Group Description	C32-MEUI-ACERT-A4

### Logged Diagnostic Codes [Diagnostic Clock = 2503 hours] - C32 ACERT Starboard (SDN00908)

Code	Description	Occ.	First	Last
91- 8	Throttle Position Sensor : Abnormal Frequency, Pulse Width, or Period	1	2425	2425
91- 8	Throttle Position Sensor : Abnormal Frequency, Pulse Width, or Period	1	2425	2425

### Logged Event Codes [Diagnostic Clock = 2503 hours] - C32 ACERT Starboard (SDN00908)

Code	Description	Occ.	First	Last
E097 (1)	Engine Derate Overriden	1	3	3
E198 (1)	Low Fuel Pressure	4	3	1825
E552 (1)	Low Aftercooler Coolant Level	3	2425	2426
E552 (2)	Low Aftercooler Coolant Level	2	2425	2426

### Active Diagnostic Codes - C32 ACERT Starboard (SDN00908)

Code	Description
No Active Diagnostic Codes	

### Active Event Codes - C32 ACERT Starboard (SDN00908)

Code	Description
No Active Event Codes	

**Current Totals - C32 ACERT Starboard (SDN00908)**

Description	Value	Unit
Total Time	2503	hours
Total Idle Time	1:42	hours
Total Fuel	45810	gal
Total Idle Fuel	4	gal
Total Max Fuel	112884	gal
Average Load Factor	40	%
Total Operating Hours	2503	hours
Engine Starts	95	
Lifetime Total Engine Revolutions	213166120	rev
Percentage Idle Time	0.04	%
Average RPM	1419.40	rpm
Average Fuel Rate	18.30	gal/h
Overall Load Factor	40	%

**Configuration - C32 ACERT Starboard (SDN00908)**

Description	Value	Unit
Equipment ID	NOT PROGRAMMED	
Engine Serial Number	SDN00908	
ECM Serial Number	01456156JV	
Software Group Part Number	452241200	
Software Group Release Date	DEC13	
Software Group Description	C32-MEUI-ACERT-A4	
Rating Number	1	
Rated Power	660 hp at 1800 rpm	
Rated Peak Torque	2449 lb-ft at 1300 rpm	
Top Engine Speed Range	1600 - 1944 rpm	
Test Spec	0K0000	
Rated Engine Speed	1800rpm	
Engine Location	Starboard	
Number of Synchronized Engines Configuration	1	
Low Idle Speed	600	rpm
High Idle Speed	1944	rpm
Maximum Trolling Engine Speed	900	rpm
Tachometer Frequency Configuration	113.0	
System Operating Voltage Configuration	Unavailable	
Cold Cylinder Cutout	Enabled	
Torque Limit Enable Status	Disabled	
Maximum Engine Torque Limit	2434	lb-ft
Minimum Engine Torque Limit	1926	lb-ft
Secondary Engine ECM Installation Status	Not Installed	
Cooldown Speed	600	rpm
Cooldown Duration	0	min
Engine Pre-Lube Duration	0	sec
Crank Duration	10	sec

Maximum Number of Crank Cycles	3	
Crank Terminate RPM	400	rpm
Tertiary Desired Speed Input Configuration	Not Installed	
Bollard Test Time Remaining	60	min
Secondary Throttle Enable Status	Disabled	
Transmission Oil Temperature Sensor	Not Installed	
Transmission Oil Pressure Sensor	Not Installed	
Coolant Level Sensor	Installed	
Fuel Level Sensor Installation Status	Not Installed	
Aftercooler Coolant Level Sensor Installation Status	Installed	
Engine Oil Temperature Sensor Installation Status	Installed	
Engine Coolant Pressure Sensor Installation Status	Installed	
Unfiltered Engine Oil Pressure Sensor Installation Status	Installed	
Unfiltered Fuel Pressure Sensor Installation Status	Not Installed	
Engine Oil Level Sensor Installation Status	Not Installed	
Left Exhaust Temperature Sensor Installation Status	Installed	
Right Exhaust Temperature Sensor Installation Status	Installed	
Engine Oil Capacity	36.5	gal
Fuel Correction Factor	0	%
Maintenance Indicator Mode	Off	
PM1 Interval	0	gal
Governor Gain Factor #1	5080	
Governor Minimum Stability Factor #1	191	
Governor Maximum Stability Factor #1	573	
FLS	34	
FTS	-30	
Customer Password #1	*****	
Customer Password #2	*****	
Total Tattletale	56	

### Injector Trim Calibration - C32 ACERT Starboard (SDN00908)

Injector	Serial Number	File Version
Injector1	000000005A53116010F7	0
Injector2	000000005A53116013FE	0
Injector3	000000005A53115955B8	0
Injector4	000000005A531159718E	0
Injector5	000000005A5311598456	0
Injector6	000000005A531159905F	0
Injector7	000000005A53115953AA	0
Injector8	000000005A53115900E2	0
Injector9	000000005A53115950A3	0
Injector10	000000005A53115874FE	0
Injector11	000000005A5311599356	0

Injector12	000000005A53115871E5	0
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**Monitoring System - C32 ACERT Starboard (SDN00908)**

<b>Description</b>	<b>State</b>	<b>Trip Point</b>	<b>Delay Time</b>
<b><u>Engine Overspeed</u></b>			
Least Severe (1)	Always On	2070 rpm	0 sec
Most Severe (3)	Off	2070 rpm	0 sec
<b><u>High Engine Coolant Temperature</u></b>			
Least Severe (1)	Always On	210 Deg F	30 sec
Moderate Severity (2)	On	219 Deg F	30 sec
Most Severe (3)	On	228 Deg F	30 sec
<b><u>High Engine Inlet Air Temperature</u></b>			
Least Severe (1)	Always On	185.0 Deg F	30 sec
Moderate Severity (2)	Off	194.0 Deg F	30 sec
Most Severe (3)	Off	203.0 Deg F	30 sec
<b><u>High Engine Oil Temperature</u></b>			
Least Severe (1)	On	221 Deg F	5 sec
Moderate Severity (2)	Off	230 Deg F	30 sec
Most Severe (3)	Off	239 Deg F	30 sec
<b><u>High Exhaust Temperature</u></b>			
Least Severe (1)	On	1202 Deg F	10 sec
Moderate Severity (2)	On	1220 Deg F	10 sec
Most Severe (3)	Off	1220 Deg F	10 sec
<b><u>High Fuel Filter Restriction Pressure</u></b>			
Least Severe (1)	On	20 psi	30 sec
<b><u>High Fuel Pressure</u></b>			
Least Severe (1)	On	None	2 sec
Most Severe (3)	Off	None	30 sec
<b><u>High Fuel Temperature</u></b>			
Least Severe (1)	On	143.6 Deg F	30 sec
Most Severe (3)	Off	179.6 Deg F	120 sec
<b><u>High Oil Filter Differential Pressure</u></b>			
Least Severe (1)	On	24 psi	30 sec
<b><u>High Transmission Oil Pressure</u></b>			
Least Severe (1)	On	350 psi	10 sec
<b><u>High Transmission Oil Temperature</u></b>			
Least Severe (1)	On	203 Deg F	10 sec
<b><u>Low Aftercooler Coolant Level</u></b>			
Least Severe (1)	On	None	30 sec
Moderate Severity (2)	On	None	30 sec
Most Severe (3)	Off	None	30 sec

<b><u>Low Coolant Level</u></b>			
Least Severe (1)	On	None	30 sec
Moderate Severity (2)	On	None	30 sec
Most Severe (3)	Off	None	30 sec
<b><u>Low Engine Coolant Pressure</u></b>			
Least Severe (1)	On	None	30 sec
Moderate Severity (2)	On	None	130 sec
<b><u>Low Engine Oil Level</u></b>			
Least Severe (1)	On	None	30 sec
Moderate Severity (2)	Off	None	30 sec
<b><u>Low Engine Oil Pressure</u></b>			
Least Severe (1)	Always On	None	30 sec
Moderate Severity (2)	On	None	30 sec
Most Severe (3)	On	None	30 sec
<b><u>Low Fuel Level</u></b>			
Least Severe (1)	Off	13 %	300 sec
<b><u>Low Fuel Pressure</u></b>			
Least Severe (1)	On	None	30 sec
Most Severe (3)	Off	None	30 sec

**Trip Segment - C32 ACERT Starboard (SDN00908)**

Description	Value	Unit
Time	2503:23	hours
Fuel	45809.6	gal
% Idle Time	Unavailable	hours
Idle Fuel	3.9	gal

**Maintenance Indicator - C32 ACERT Starboard (SDN00908)**

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