

Cat Electronic Technician 2016C v1.0

Product Status Report

7/4/2017 1:49 PM

Product Status Report

Parameter	Value
Engine Serial Number	S2P00135
Equipment ID	NOT PROGRAMMED
Comments	GEN 1

Bridge MPD - Port Engine

Parameter	Value
ECM Part Number	307-754200
ECM Serial Number	2767G017MP
Software Group Part Number	275-217400
Software Group Release Date	
Software Group Description	

Configuration - Bridge MPD - Port Engine

Description	Value	Unit
Display Location	Bridge	
Engine Location	Port	

3516B Engine - Genset #1 (S2P00135)

Parameter	Value
Equipment ID	NOT PROGRAMMED
Engine Serial Number	S2P00135
ECM Serial Number	26476493JP
Personality Module Part Number	3050823-00
Personality Module Release Date	NOV06
Personality Module Description	GENSET

Logged Diagnostic Codes [Diagnostic Clock = 1.5500 hours] - 3516B Engine - Genset #1 (S2P00135)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 1.5500 hours] - 3516B Engine - Genset #1 (S2P00135)

Code	Description	Occ.	First	Last
E264 (3)	Emergency Stop Activated	1	1	1

Active Diagnostic Codes - 3516B Engine - Genset #1 (S2P00135)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - 3516B Engine - Genset #1 (S2P00135)

Code	Description
E264 (3)	Emergency Stop Activated

Current Totals - 3516B Engine - Genset #1 (S2P00135)

Description	Value	Unit
Total Time	1	hours
Total Fuel	63	gal

Configuration - 3516B Engine - Genset #1 (S2P00135)

Description	Value	Unit
Equipment ID	NOT PROGRAMMED	
Engine Serial Number	S2P00135	
ECM Serial Number	26476493JP	
Personality Module Part Number	3050823-00	
Personality Module Release Date	NOV06	
Rated Engine Speed	1200	rpm
Fuel Ratio Control Offset	0	
Acceleration Delay Time	0	sec
Engine Acceleration Rate	250	rpm/s
Low Idle Speed	900	rpm
Cooldown Speed	900	rpm
Cooldown Duration	5	min
Engine Pre-Lube Duration	0	sec
Engine Pre-Lube System Configuration	Automatic	
Engine Continuous Pre-Lube Interval	0	min
Crank Duration	0	sec
Maximum Number of Crank Cycles	0	
Crank Terminate RPM	400	rpm
Engine Speed Droop	0.0	%
Rated Fuel Position	27.600	mm
Fuel Correction Factor	0	%
Governor Gain Factor #1	26214	
Governor Minimum Stability Factor #1	629	
Governor Maximum Stability Factor #1	7864	
FLS	0	
FTS	0	
Air Shutoff	Enabled	
Air Intake Shutoff Detection Installation Status	Installed	
Ether Control	Disabled	
Engine Cooling System Config	SCAC (Separate Circuit Aftercooled)	

Cold Cylinder Cutout	Disabled	
Direct Fuel Control Mode	Enabled	
Desired Speed Input Configuration	PWM	
Throttle Air Pressure Sensor Installation Status	Unavailable	
Throttle Input Low Idle Duty Cycle Setpoint	Unavailable	%
Throttle Input High Idle Duty Cycle Setpoint	Unavailable	%
Secondary Desired Speed Input Configuration	Not Installed	
Fuel Enable Input Configuration	Switch to Ground	
Secondary Fuel Enable Input Enable Status	Disabled	
Coolant Level Sensor	Not Installed	
Aftercooler Coolant Level Sensor Installation Status	Not Installed	
Cat Data Link #2 Identifier	Engine Control #1	
Inlet Air Temperature Sensor	Not Installed	
Engine Oil Temperature Sensor Installation Status	Not Installed	
Total Tattletale	16	

Lifetime: Time vs Engine Speed - 3516B Engine - Genset #1 (S2P00135)

Engine Speed(rpm)	hours	%
<400	0.05	3.57
400-499	0.00	0.00
500-599	0.00	0.00
600-699	0.00	0.00
700-799	0.00	0.00
800-899	0.05	3.57
900-999	0.10	7.14
1000-1099	0.00	0.00
1100-1199	0.70	50.00
1200-1299	0.50	35.71
1300-1399	0.00	0.00
1400-1499	0.00	0.00
1500-1599	0.00	0.00
1600-1699	0.00	0.00
1700-1799	0.00	0.00
1800-1899	0.00	0.00
1900-1999	0.00	0.00
>2000	0.00	0.00

Lifetime: Time vs Engine Load Factor - 3516B Engine - Genset #1 (S2P00135)

Engine Load Factor(%)	hours	%
<5	0.05	4.00
5-9	0.00	0.00
10-14	0.30	24.00
15-19	0.05	4.00
20-24	0.15	12.00

25-29	0.05	4.00
30-34	0.00	0.00
35-39	0.05	4.00
40-44	0.05	4.00
45-49	0.00	0.00
50-54	0.00	0.00
55-59	0.05	4.00
60-64	0.35	28.00
65-69	0.00	0.00
70-74	0.00	0.00
75-79	0.00	0.00
80-84	0.00	0.00
85-89	0.05	4.00
90-94	0.00	0.00
95-99	0.00	0.00
>100	0.10	8.00

Lifetime: Time vs Right Exhaust Temperature - 3516B Engine - Genset #1 (S2P00135)

Right Exhaust Temperature(Deg F)	hours	%
<842	1.05	72.41
842-868	0.25	17.24
869-895	0.05	3.45
896-922	0.00	0.00
923-949	0.00	0.00
950-976	0.00	0.00
977-1003	0.00	0.00
1004-1030	0.05	3.45
1031-1057	0.00	0.00
1058-1084	0.00	0.00
1085-1111	0.00	0.00
1112-1138	0.05	3.45
1139-1165	0.00	0.00
1166-1192	0.00	0.00
1193-1219	0.00	0.00
1220-1246	0.00	0.00
1247-1273	0.00	0.00
1274-1300	0.00	0.00
1301-1327	0.00	0.00
1328-1354	0.00	0.00
1355-1381	0.00	0.00
1382-1408	0.00	0.00
>1409	0.00	0.00

Lifetime: Time vs Left Exhaust Temperature - 3516B Engine - Genset #1 (S2P00135)

Left Exhaust Temperature(Deg F)	hours	%
<842	1.00	68.97

842-868	0.35	24.14
869-895	0.00	0.00
896-922	0.00	0.00
923-949	0.00	0.00
950-976	0.00	0.00
977-1003	0.00	0.00
1004-1030	0.00	0.00
1031-1057	0.05	3.45
1058-1084	0.00	0.00
1085-1111	0.00	0.00
1112-1138	0.05	3.45
1139-1165	0.00	0.00
1166-1192	0.00	0.00
1193-1219	0.00	0.00
1220-1246	0.00	0.00
1247-1273	0.00	0.00
1274-1300	0.00	0.00
1301-1327	0.00	0.00
1328-1354	0.00	0.00
1355-1381	0.00	0.00
1382-1408	0.00	0.00
>1409	0.00	0.00

Histogram - 3516B Engine - Genset #1 (S2P00135)

Error retrieving Histogram data

Monitoring System - 3516B Engine - Genset #1 (S2P00135)

Description	State	Trip Point	Delay Time
<u>Altitude (atmospheric pressure)</u>			
Moderate Severity (2)	On	11.7 psi	0 sec
<u>Engine Overspeed</u>			
Least Severe (1)	On	1380 rpm	0 sec
Most Severe (3)	On	1380 rpm	0 sec
<u>High Aftercooler Coolant Temperature</u>			
Least Severe (1)	On	216 Deg F	5 sec
Moderate Severity (2)	On	225 Deg F	5 sec
Most Severe (3)	On	225 Deg F	5 sec
<u>High Air Filter Restriction Pressure</u>			
Least Severe (1)	On	28.1 " H2O	5 sec
Moderate Severity (2)	On	28.1 " H2O	5 sec
<u>High Boost Pressure</u>			
Least Severe (1)	Off	58.0 psi	0 sec
Moderate Severity (2)	Off	58.0 psi	0 sec
<u>High Crankcase Pressure</u>			
Least Severe (1)	On	8.0 " H2O	3 sec

Moderate Severity (2)	On	24.1 " H2O	10 sec
Most Severe (3)	On	14.1 " H2O	3 sec
<u>High Engine Coolant Temperature</u>			
Least Severe (1)	On	216 Deg F	5 sec
Moderate Severity (2)	On	225 Deg F	30 sec
Most Severe (3)	On	225 Deg F	5 sec
<u>High Engine Oil Filter Restriction Pressure</u>			
Least Severe (1)	On	15 psi	5 sec
<u>High Exhaust Temperature</u>			
Least Severe (1)	On	1342 Deg F	5 sec
Moderate Severity (2)	On	1342 Deg F	5 sec
<u>High Fuel Filter Restriction Pressure</u>			
Least Severe (1)	On	15 psi	5 sec
<u>Low Aftercooler Coolant Level</u>			
Least Severe (1)	On	None	30 sec
<u>Low Coolant Level</u>			
Least Severe (1)	On	None	30 sec
<u>Low Engine Coolant Temperature</u>			
Least Severe (1)	On	176 Deg F	5 sec
<u>Low Engine Oil Pressure</u>			
Least Severe (1)	On	None	4 sec
Most Severe (3)	On	None	9 sec
<u>Low Fuel Pressure</u>			
Most Severe (3)	On	32 psi	20 sec
<u>Low System Voltage</u>			
Least Severe (1)	On	20 Volts	10 sec

Injector Codes Calibration - 3516B Engine - Genset #1 (S2P00135)

Injector	Code
Injector 1	3656
Injector 2	3212
Injector 3	2661
Injector 4	2425
Injector 5	5940
Injector 6	3526
Injector 7	1875
Injector 8	8600
Injector 9	6937
Injector 10	5835
Injector 11	1325
Injector 12	2006
Injector 13	2206
Injector 14	3850

Injector 15	8807
Injector 16	2657