

Cat Electronic Technician 2014C v1.0

Product Status Report

7/7/2015 1:48 PM

Product Status Report

Parameter	Value
Engine Serial Number	PDH00224
Equipment ID	STD00214
Comments	

EMCP 3.2

Parameter	Value
ECM Part Number	2275801-05
ECM Serial Number	2966B189HQ
Software Group Part Number	3041337-00
Software Group Release Date	OCT2006
Software Group Description	L1_4_5_Standard -- English, 2.1 Prod, 26Oct2006

Logged Diagnostic Codes [Diagnostic Clock = 684 hours] - EMCP 3.2

Code	Description	Occ.	SMH First	SMH Last	RTC First	RTC Last
1383-11	Engine was Shut Down Hot : Other Failure Mode	1	118:32:01	118:32:01	6/29/2011 4:43:56 PM	6/29/2011 4:43:56 PM

Logged Event Codes [Diagnostic Clock = 684 hours] - EMCP 3.2

Code	Description	Occ.	SMH First	SMH Last	RTC First	RTC Last
110-17	Engine Coolant Temperature : Low - least severe (1)	99	118:01:30	683:17:11	5/23/2011 2:12:16 PM	9/27/2011 1:10:12 PM
167-17	Charging System Potential : Low - least severe (1)	99	31:06:32	33:42:35	6/7/2008 1:36:09 PM	7/12/2008 2:04:18 PM
168-15	Battery Potential / Power Input #1 : High - least severe (1)	2	18:19:16	18:50:29	12/25/2007 9:21:32 AM	1/1/2008 9:21:19 AM
168-17	Battery Potential / Power Input #1 : Low - least severe (1)	7	683:17:11	683:31:30	9/29/2011 3:39:01 PM	10/29/2014 10:54:31 AM
970-31	Engine Auxiliary Engine Shutdown Switch	31	118:01:25	683:46:30	5/13/2011 8:34:28 AM	7/7/2015 2:03:14 PM
1664-31	Engine Automatic Start Failed	1	68:58:32	68:58:32	9/1/2009 9:49:09 AM	9/1/2009 9:49:09 AM
4007-31	Generator Control not in Automatic	99	0:00:00	683:31:30	11/30/1984	10/23/2014 3:19:39 PM

Active Diagnostic Codes - EMCP 3.2

Code	Description
------	-------------

%							
<20	0.25	1.90	0.05	0.05	0.00	0.00	2.25
20-30	0.00	0.00	0.00	490.55	0.00	0.00	490.55
30-40	0.00	0.00	0.00	28.05	0.00	0.00	28.05
40-50	0.00	0.05	0.00	1.25	0.00	0.00	1.30
50-60	0.00	0.00	0.00	0.85	0.00	0.00	0.85
60-70	0.00	0.00	0.00	1.55	0.00	0.00	1.55
70-80	0.00	0.00	0.00	0.05	0.00	0.00	0.05
80-90	0.00	0.00	0.00	2.35	0.00	0.00	2.35
>90	0.00	0.00	0.00	0.20	0.00	0.00	0.20
Total	0.25	1.95	0.05	524.90	0.00	0.00	527.15

Lifetime: Time vs Inlet Air Temperature - C-18 Genset (PDH00224)

Inlet Air Temperature(Deg F)	hours	%
<104	0.00	0.00
104-112	0.00	0.00
113-121	0.00	0.00
122-130	0.10	100.00
131-139	0.00	0.00
140-148	0.00	0.00
149-157	0.00	0.00
158-166	0.00	0.00
167-175	0.00	0.00
176-184	0.00	0.00
185-193	0.00	0.00
194-202	0.00	0.00
203-211	0.00	0.00
>212	0.00	0.00

Lifetime: Time vs Boost Pressure - C-18 Genset (PDH00224)

Boost Pressure(psi)	hours	%
<16	0.00	0.00
16-16	0.00	0.00
17-18	0.00	0.00
19-19	0.00	0.00
20-21	0.00	0.00
22-22	0.00	0.00
23-24	0.00	0.00
25-25	0.00	0.00
26-27	0.00	0.00
28-28	0.00	0.00
29-29	0.00	0.00
30-31	0.00	0.00
32-32	0.00	0.00
>33	0.10	100.00

Lifetime: Time vs Engine Coolant Temperature - C-18 Genset (PDH00224)

Engine Coolant Temperature(Deg F)	hours	%
-------------------------------------	-------	---

<122	8.85	1.30
122-130	8.55	1.25
131-139	14.30	2.10
140-148	19.35	2.84
149-157	21.90	3.21
158-166	81.95	12.01
167-175	186.75	27.37
176-184	187.15	27.43
185-193	147.85	21.67
194-202	4.90	0.72
203-211	0.75	0.11
212-220	0.00	0.00
221-229	0.00	0.00
230-238	0.00	0.00
239-247	0.00	0.00
>248	0.00	0.00

Lifetime: Total Occurrences vs Engine Speed - C-18 Genset (PDH00224)

Engine Speed(rpm)		%
<2500	0.00	0.00
2500-2599	0.00	0.00
2600-2699	0.00	0.00
2700-2799	0.00	0.00
2800-2899	0.00	0.00
2900-2999	0.00	0.00
3000-3099	0.00	0.00
3100-3199	0.00	0.00
3200-3299	0.00	0.00
>3300	0.00	0.00

Lifetime: Time vs Fuel Pressure - C-18 Genset (PDH00224)

Fuel Pressure(psi)	hours	%
<73	0.00	0.00
73-74	0.00	0.00
75-77	0.00	0.00
78-80	0.00	0.00
81-83	0.00	0.00
84-86	0.00	0.00
87-89	0.00	0.00
90-92	0.05	100.00
93-95	0.00	0.00
96-98	0.00	0.00
99-101	0.00	0.00
102-103	0.00	0.00
104-106	0.00	0.00
>107	0.00	0.00

Monitoring System - C-18 Genset (PDH00224)

Description	State	Trip Point	Delay Time
<u>Altitude (atmospheric pressure)</u>			
Moderate Severity (2)	Off	13.4 psi	0 sec
<u>Engine Overspeed</u>			
Least Severe (1)	On	2200 rpm	0 sec
Most Severe (3)	On	2300 rpm	0 sec
<u>High Engine Coolant Temperature</u>			
Least Severe (1)	On	217 Deg F	5 sec
Moderate Severity (2)	Off	221 Deg F	5 sec
Most Severe (3)	On	223 Deg F	20 sec
<u>High Engine Inlet Air Temperature</u>			
Least Severe (1)	On	167.0 Deg F	4 sec
<u>High Engine Oil Temperature</u>			
Least Severe (1)	On	230 Deg F	10 sec
Most Severe (3)	On	239 Deg F	10 sec
<u>High Exhaust Temperature</u>			
Least Severe (1)	On	1472 Deg F	10 sec
<u>High Fuel Pressure</u>			
Least Severe (1)	On	None	2 sec
<u>High Fuel Temperature</u>			
Least Severe (1)	On	176.0 Deg F	30 sec
<u>Low Engine Coolant Temperature</u>			
Least Severe (1)	On	75 Deg F	5 sec
<u>Low Engine Oil Pressure</u>			
Least Severe (1)	On	None	30 sec
Most Severe (3)	On	None	2 sec
<u>Low Fuel Pressure</u>			
Least Severe (1)	On	None	2 sec

Injector Codes Calibration - C-18 Genset (PDH00224)

Injector	Code
Injector 1	5720
Injector 2	6730
Injector 3	2765
Injector 4	2105
Injector 5	5500
Injector 6	3435