Cat Electronic Technician 2023C v1.0

Product Status Report

18-11-2026 14:05

Product Status Report

Parameter	Value
Engine Serial Number	3DM00133
Equipment ID	EMERG. GEN
Comments	

3508B Engine - Genset #1 (3DM00133)

Parameter	Value
Equipment ID	EMERG. GEN
Engine Serial Number	3DM00133
ECM Serial Number	13580243CD
Personality Module Part Number	2290273-00
Personality Module Release Date	May02
Personality Module Description	GEN 3508

Logged Diagnostic Codes [Diagnostic Clock = 527 hours] - 3508B Engine - Genset #1 (3DM00133)

Code	Description	Occ.	First	Last
110- 3	Engine Coolant Temperature Sensor : Voltage Above Normal	2	525	527

Logged Event Codes [Diagnostic Clock = 527 hours] - 3508B Engine - Genset #1 (3DM00133)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - 3508B Engine - Genset #1 (3DM00133)

Code	Description
91- 8	Throttle Position Sensor : Abnormal Frequency, Pulse Width, or Period
94- 3	Fuel Delivery Pressure Sensor : Voltage Above Normal
100- 3	Engine Oil Pressure Sensor : Voltage Above Normal
101- 3	Crankcase Air Pressure Sensor : Voltage Above Normal
110- 3	Engine Coolant Temperature Sensor : Voltage Above Normal
190- 3	Engine Speed Sensor : Voltage Above Normal
254-12	Electronic Control Module Error
273- 3	Turbocharger Outlet Pressure Sensor : Voltage Above Normal
274- 3	Atmospheric Pressure Sensor : Voltage Above Normal
275- 3	Right Turbocharger Inlet Pressure Sensor : Voltage Above Normal
276- 3	Left Turbocharger Inlet Pressure Sensor : Voltage Above Normal

279- 3	Aftercooler Coolant Temperature Sensor (Front) : Voltage Above Normal
289- 3	Fuel Pressure Sensor - Before Fuel Filter : Voltage Above Normal
446- 5	Air Shutdown Relay : Current Below Normal
542- 3	Engine Oil Pressure Sensor - Before Oil Filter : Voltage Above Normal
827- 8	Left Exhaust Temperature Sensor : Abnormal Frequency, Pulse Width, or Period
828- 8	Right Exhaust Temperature Sensor : Abnormal Frequency, Pulse Width, or Period

Current Totals - 3508B Engine - Genset #1 (3DM00133)

Description	Value	Unit
Total Time	527	hours
Total Fuel	40378	L

Configuration - 3508B Engine - Genset #1 (3DM00133)

Description	Value	Unit
Equipment ID	EMERG. GEN	
Engine Serial Number	3DM00133	
Fuel Ratio Control Offset	0	
ECM Serial Number	13580243CD	
Personality Module Part Number	2290273-00	
Personality Module Release Date	May02	
FLS	0	
FTS	0	
Rated Engine Speed	1800	rpm
Rated Fuel Position	23,600	mm
Acceleration Delay Time	0	sec
Engine Acceleration Rate	250	rpm/s
Low Idle Speed	900	rpm
Cooldown Speed	810	rpm
Cooldown Duration	5	min
Engine Pre-Lube Duration	0	sec
Crank Duration	10	sec
Maximum Number of Crank Cycles	3	
Crank Terminate RPM	400	rpm
Air Shutoff	Enabled	
Ether Control	Disabled	
Engine Cooling System Config	SCAC (Separate Circuit Aftercooled)	
Fuel Correction Factor	0	%
Cat Data Link #2 Identifier	Engine Control #1	
Cold Cylinder Cutout	Disabled	
Direct Fuel Control Mode	Disabled	
Total Tattletale	22	
Gov. Max. Stability	383	
Gov. Min. Stability	7864	
Governor Gain	1280	
Load Warning Set	40	%

Lifetime: Time vs Engine Speed - 3508B Engine - Genset #1 (3DM00133)

Engine Speed(rpm)	hours	%

<400,0	0,00	0,00
400,0-499,0	0,00	0,00
500,0-599,0	0,00	0,00
600,0-699,0	0,00	0,00
700,0-799,0	0,00	0,00
800,0-899,0	0,00	0,00
900,0-999,0	0,00	0,00
1000,0-1099,0	0,00	0,00
1100,0-1199,0	0,00	0,00
1200,0-1299,0	0,00	0,00
1300,0-1399,0	0,00	0,00
1400,0-1499,0	0,00	0,00
1500,0-1599,0	0,00	0,00
1600,0-1699,0	0,00	0,00
1700,0-1799,0	0,00	0,00
1800,0-1899,0	0,00	0,00
1900,0-1999,0	0,00	0,00
>2000,0	0,00	0,00

Lifetime: Time vs Engine Load Factor - 3508B Engine - Genset #1 (3DM00133)

Engine Load Factor(%)	hours	%
0,0-4,0	0,00	0,00
5,0-9,0	0,00	0,00
10,0-14,0	0,00	0,00
15,0-19,0	0,00	0,00
20,0-24,0	0,00	0,00
25,0-29,0	0,00	0,00
30,0-34,0	0,00	0,00
35,0-39,0	0,00	0,00
40,0-44,0	0,00	0,00
45,0-49,0	0,00	0,00
50,0-54,0	0,00	0,00
55,0-59,0	0,00	0,00
60,0-64,0	0,00	0,00
65,0-69,0	0,00	0,00
70,0-74,0	0,00	0,00
75,0-79,0	0,00	0,00
80,0-84,0	0,00	0,00
85,0-89,0	0,00	0,00
90,0-94,0	0,00	0,00
95,0-99,0	0,00	0,00
>100,0	0,00	0,00

Lifetime: Time vs Left Exhaust Temperature - 3508B Engine - Genset #1 (3DM00133)

Left Exhaust Temperature(Deg C)	hours	%
<450,0	0,00	0,00
450,0-464,0	0,00	0,00

465,0-479,0	0,00	0,00
480,0-494,0	0,00	0,00
495,0-509,0	0,00	0,00
510,0-524,0	0,00	0,00
525,0-539,0	0,00	0,00
540,0-554,0	0,00	0,00
555,0-569,0	0,00	0,00
570,0-584,0	0,00	0,00
585,0-599,0	0,00	0,00
600,0-614,0	0,00	0,00
615,0-629,0	0,00	0,00
630,0-644,0	0,00	0,00
645,0-659,0	0,00	0,00
660,0-674,0	0,00	0,00
675,0-689,0	0,00	0,00
690,0-704,0	0,00	0,00
705,0-719,0	0,00	0,00
720,0-734,0	0,00	0,00
735,0-749,0	0,00	0,00
750,0-764,0	0,00	0,00
>765,0	0,00	0,00

Lifetime: Time vs Right Exhaust Temperature - 3508B Engine - Genset #1 (3DM00133)

Right Exhaust Temperature(Deg C)	hours	%
<450,0	0,00	0,00
450,0-464,0	0,00	0,00
465,0-479,0	0,00	0,00
480,0-494,0	0,00	0,00
495,0-509,0	0,00	0,00
510,0-524,0	0,00	0,00
525,0-539,0	0,00	0,00
540,0-554,0	0,00	0,00
555,0-569,0	0,00	0,00
570,0-584,0	0,00	0,00
585,0-599,0	0,00	0,00
600,0-614,0	0,00	0,00
615,0-629,0	0,00	0,00
630,0-644,0	0,00	0,00
645,0-659,0	0,00	0,00
660,0-674,0	0,00	0,00
675,0-689,0	0,00	0,00
690,0-704,0	0,00	0,00
705,0-719,0	0,00	0,00
720,0-734,0	0,00	0,00
735,0-749,0	0,00	0,00
750,0-764,0	0,00	0,00
>765,0	0,00	0,00

Monitoring System - 3508B Engine - Genset #1 (3DM00133)

Description	State	Trip Point	Delay Time
Altitude (atmospheric pressure)			
Moderate Severity (2)	On	92,5 kPa	0 sec
Engine Overspeed			
Least Severe (1)	On	2124 rpm	0 sec
Most Severe (3)	On	2124 rpm	0 sec
High Aftercooler Coolant Temperature			
Least Severe (1)	On	102 Deg C	5 sec
Moderate Severity (2)	On	107 Deg C	5 sec
Most Severe (3)	On	107 Deg C	5 sec
High Air Filter Restriction Pressure			
Least Severe (1)	On	7,0 kPa	5 sec
Moderate Severity (2)	On	7,0 kPa	5 sec
High Crankcase Pressure			
Least Severe (1)	On	2,0 kPa	3 sec
Moderate Severity (2)	On	6,0 kPa	10 sec
Most Severe (3)	On	3,5 kPa	3 sec
High Engine Coolant Temperature			
Least Severe (1)	On	102 Deg C	5 sec
Moderate Severity (2)	On	107 Deg C	30 sec
Most Severe (3)	On	107 Deg C	5 sec
High Engine Oil Filter Restriction Pressure			
Least Severe (1)	On	105 kPa	5 sec
High Exhaust Temperature			
Least Severe (1)	On	750 Deg C	5 sec
Moderate Severity (2)	On	750 Deg C	5 sec
High Fuel Filter Restriction Pressure			
Least Severe (1)	On	105 kPa	5 sec
Low Engine Coolant Temperature			
Least Severe (1)	On	80 Deg C	5 sec
Low Engine Oil Pressure			
Least Severe (1)	On	None	4 sec
Most Severe (3)	On	None	9 sec
Low System Voltage			
Least Severe (1)	On	20 Volts	10 sec

Injector Codes Calibration - 3508B Engine - Genset #1 (3DM00133)

Injector	Code
Injector 1	4955

Injector 2	5506
Injector 3	3745
Injector 4	5950
Injector 5	5940
Injector 6	3635
Injector 7	1655
Injector 8	6501