

Cat Electronic Technician 2021C v1.0

Product Status Report

22-2-2022 14:14

Product Status Report

Parameter	Value
Engine Serial Number	RLA00971
Equipment ID	NOT PROGRAMMED
Comments	

C15 Marine Port (RLA00971)

Parameter	Value
Equipment ID	NOT PROGRAMMED
Engine Serial Number	RLA00971
ECM Serial Number	28677148IK
Personality Module Part Number	3079962-00
Personality Module Release Date	JAN07
Personality Module Description	C15 MEUI Marine

Logged Diagnostic Codes [Diagnostic Clock = 130 hours] - C15 Marine Port (RLA00971)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 130 hours] - C15 Marine Port (RLA00971)

Code	Description	Occ.	First	Last
E059 (1)	Low Engine Coolant Level Warning	37	3	127
E017 (1)	High Engine Coolant Temperature Warning	2	9	43

Active Diagnostic Codes - C15 Marine Port (RLA00971)

Code	Description
No Active Diagnostic Codes	

Current Totals - C15 Marine Port (RLA00971)

Description	Value	Unit
Total Time	130	hours
Total Idle Time	42:36	hours
Total Fuel	8162	L
Total Idle Fuel	141	L
Total Max Fuel	16016	L
Average Load Factor	50	%

Total Operating Hours	130	hours
Engine Starts	98	
Lifetime Total Engine Revolutions	10723396	rev
Starts/Hour	0,75	
Percentage Idle Time	32,31	%
Average RPM	1374,79	rpm
Average Fuel Rate	62,78	L/h
Overall Load Factor	50	%

Configuration - C15 Marine Port (RLA00971)

Description	Value	Unit
Equipment ID	NOT PROGRAMMED	
Engine Serial Number	RLA00971	
ECM Serial Number	28677148IK	
Personality Module Part Number	3079962-00	
Personality Module Release Date	JAN07	
Personality Module Description	C15 MEUI Marine	
Rating Number	2	
Rated Power	636 kW at 2300 rpm	
Rated Peak Torque	3283 N-m at 1600 rpm	
Top Engine Speed Range	2410 - 2410 rpm	
Test Spec	0K7043	
Engine Location	Port	
Number of Synchronized Engines Configuration	1	
Low Idle Speed	600	rpm
Maximum Trolling Engine Speed	900	rpm
Secondary Throttle Enable Status	Disabled	
Tachometer Frequency Configuration	113,0	
System Operating Voltage Configuration	Unavailable	
Cold Cylinder Cutout	Enabled	
Transmission Oil Temperature Sensor	Not Installed	
Transmission Oil Pressure Sensor	Not Installed	
Coolant Level Sensor	Installed	
Fuel Level Sensor Installation Status	Not Installed	
Low Fuel Level Warning Threshold	13	%
Engine Oil Capacity	49,0	L
Fuel Correction Factor	0	%
Maintenance Indicator Mode	Off	
PM1 Interval	0	L
FLS	23	
FTS	-36	
Customer Password #1	*****	
Customer Password #2	*****	
Total Tattletale	3	

Lifetime: Time vs Engine Coolant Temperature - C15 Marine Port (RLA00971)

Engine Coolant Temperature(hours	%
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Deg C)		
<50,0	3,10	2,39
50,0-54,0	0,50	0,39
55,0-59,0	0,70	0,54
60,0-64,0	0,65	0,50
65,0-69,0	0,40	0,31
70,0-74,0	0,35	0,27
75,0-79,0	2,20	1,70
80,0-84,0	119,85	92,58
85,0-89,0	0,20	0,15
90,0-94,0	1,10	0,85
95,0-99,0	0,40	0,31
100,0-104,0	0,00	0,00
105,0-109,0	0,00	0,00
110,0-114,0	0,00	0,00
115,0-119,0	0,00	0,00
>120,0	0,00	0,00

Lifetime: Time vs Inlet Air Temperature - C15 Marine Port (RLA00971)

Inlet Air Temperature(Deg C)	hours	%
<40,0	85,40	100,00
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 Boost Pressure - C15 Marine Port (RLA00971)

Boost Pressure(kPa)	hours	%
<110,0	31,25	36,70
110,0-119,0	3,60	4,23
120,0-129,0	10,05	11,80
130,0-139,0	8,60	10,10
140,0-149,0	16,25	19,08
150,0-159,0	9,90	11,63
160,0-169,0	3,85	4,52
170,0-179,0	0,90	1,06
180,0-189,0	0,00	0,00
190,0-199,0	0,00	0,00
200,0-209,0	0,05	0,06

210,0-219,0	0,70	0,82
220,0-229,0	0,00	0,00
>230,0	0,00	0,00

Lifetime: Time vs Engine Speed And Engine Load Factor - C15 Marine Port (RLA00971)

rpm	<1100	1100-1299	1300-1499	1500-1699	1700-1899	1900-2099	2100-2299	>2300	Total
%									
<50,0	36,70	8,35	4,10	0,35	0,25	0,00	0,00	0,00	49,75
50,0-59,9	0,00	0,65	1,80	14,75	1,70	0,00	0,00	0,10	19,00
60,0-69,9	0,00	0,00	0,00	0,75	40,70	0,00	0,05	0,10	41,60
70,0-79,9	0,00	0,00	0,00	0,00	11,65	0,00	0,05	0,15	11,85
80,0-89,9	0,00	0,00	0,00	0,00	0,65	0,00	0,05	0,10	0,80
>90,0	0,00	0,00	0,00	0,05	0,00	0,00	0,00	0,10	0,15
Total	36,70	9,00	5,90	15,90	54,95	0,00	0,15	0,55	123,15

Lifetime: Total Occurrences vs Engine Speed - C15 Marine Port (RLA00971)

Engine Speed(rpm)	Count	%
<2500,0	0	0,00
2500,0-2599,0	0	0,00
2600,0-2699,0	0	0,00
2700,0-2799,0	0	0,00
2800,0-2899,0	0	0,00
2900,0-2999,0	0	0,00
3000,0-3099,0	0	0,00
3100,0-3199,0	0	0,00
3200,0-3299,0	0	0,00
>3300,0	0	0,00

Lifetime: Time vs Engine Speed - C15 Marine Port (RLA00971)

Engine Speed(rpm)	hours	%
<1100,0	36,70	29,64
1100,0-1299,0	9,05	7,31
1300,0-1499,0	5,95	4,81
1500,0-1699,0	15,95	12,88
1700,0-1899,0	55,05	44,47
1900,0-2099,0	0,05	0,04
2100,0-2299,0	0,30	0,24
>2300,0	0,75	0,61

Lifetime: Time vs Engine Load Factor - C15 Marine Port (RLA00971)

Engine Load Factor(%)	hours	%
<50,0	49,90	40,31
50,0-59,0	19,10	15,43
60,0-69,0	41,70	33,68

70,0-79,0	11,90	9,61
80,0-89,0	0,95	0,77
>90,0	0,25	0,20

Trip: Time vs Engine Speed - C15 Marine Port (RLA00971)

Engine Speed(rpm)	hours	%
<1100,0	0,00	0,00
1100,0-1299,0	0,00	0,00
1300,0-1499,0	0,00	0,00
1500,0-1699,0	0,00	0,00
1700,0-1899,0	0,00	0,00
1900,0-2099,0	0,00	0,00
2100,0-2299,0	0,00	0,00
>2300,0	0,00	0,00

Trip: Time vs Engine Load Factor - C15 Marine Port (RLA00971)

Engine Load Factor(%)	hours	%
<50,0	0,00	0,00
50,0-59,0	0,00	0,00
60,0-69,0	0,00	0,00
70,0-79,0	0,00	0,00
80,0-89,0	0,00	0,00
>90,0	0,00	0,00

Monitoring System - C15 Marine Port (RLA00971)

Description	State	Trip Point	Delay Time
<u>Engine Overspeed</u>			
Least Severe (1)	On	2645 rpm	0 sec
<u>High Engine Coolant Temperature</u>			
Least Severe (1)	On	103 Deg C	30 sec
Moderate Severity (2)	Off	106 Deg C	30 sec
<u>High Engine Inlet Air Temperature</u>			
Least Severe (1)	On	70,0 Deg C	30 sec
Moderate Severity (2)	Off	80,0 Deg C	30 sec
<u>High Fuel Pressure</u>			
Least Severe (1)	Off	None	2 sec
<u>High Fuel Temperature</u>			
Least Severe (1)	Off	75,0 Deg C	30 sec
<u>High Transmission Oil Pressure</u>			
Least Severe (1)	Off	2412 kPa	10 sec
<u>High Transmission Oil Temperature</u>			
Least Severe (1)	Off	95 Deg C	10 sec
<u>Low Coolant Level</u>			
Least Severe (1)	On	None	30 sec
Moderate Severity (2)	Off	None	30 sec

Low Engine Oil Pressure			
Least Severe (1)	On	None	30 sec
Moderate Severity (2)	Off	None	30 sec
Low Fuel Pressure			
Least Severe (1)	Off	None	2 sec
Unknown Event			
Least Severe (1)	On	None	None

Injector Codes Calibration - C15 Marine Port (RLA00971)

Injector	Code
Injector 1	6412
Injector 2	1352
Injector 3	3969
Injector 4	2429
Injector 5	3439
Injector 6	7312

Trip Segment - C15 Marine Port (RLA00971)

Description	Value	Unit
Time	0:00	hours
Fuel	0,0	L
Idle Time	0:00	hours
Idle Fuel	0,0	L
% Idle Time	Unavailable	hours
Total Fuel / Total Rated Fuel	Unavailable	%
Start Time	130:19	hours
End Time	130:19	hours

Maintenance Indicator - C15 Marine Port (RLA00971)

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