

Cat Electronic Technician 2022A v1.0

Product Status Report

29-4-2023 10:32

Product Status Report

Parameter	Value
Engine Serial Number	9PW00585
Equipment ID	ms Avanti
Comments	

3412E Marine Center (9PW00585)

Parameter	Value
Equipment ID	ms Avanti
Engine Serial Number	9PW00585
ECM Serial Number	17010018KS
Personality Module Part Number	2696929-00
Personality Module Release Date	Jul05
Personality Module Description	Marine 3412

Logged Diagnostic Codes [Diagnostic Clock = 50664 hours] - 3412E Marine Center (9PW00585)

Code	Description	Occ.	First	Last
127- 3	Transmission Oil Pressure Sensor : Voltage Above Normal	2	50664	50664
177- 3	Transmission Oil Temperature Sensor : Voltage Above Normal	1	50664	50664

Logged Event Codes [Diagnostic Clock = 50664 hours] - 3412E Marine Center (9PW00585)

Code	Description	Occ.	First	Last
E059 (1)	Low Engine Coolant Level Warning	28	0	50664
E164	High Injector Actuation Pressure	10	0	47767
E017	High Engine Coolant Temperature Warning	1	10	10
E100 (1)	Low Engine Oil Pressure Warning	6	8	10
E113	High Transmission Oil Pressure	1	0	0

Active Diagnostic Codes - 3412E Marine Center (9PW00585)

Code	Description
91- 8	Throttle Position Sensor : Abnormal Frequency, Pulse Width, or Period
127- 3	Transmission Oil Pressure Sensor : Voltage Above Normal
177- 3	Transmission Oil Temperature Sensor : Voltage Above Normal

Current Totals - 3412E Marine Center (9PW00585)

Description	Value	Unit
Total Time	50664	hours
Total Idle Time	15220:39	hours

Total Fuel	2096873	L
Total Idle Fuel	110411	L
Total Max Fuel	4938366	L
Average Load Factor	41	%

Configuration - 3412E Marine Center (9PW00585)

Description	Value	Unit
Rating Number	2	
Rated Power	537 kW at 1800 rpm	
Rated Peak Torque	3667 N-m at 1400 rpm	
Top Engine Speed Range	1890 - 1890 rpm	
Test Spec	00K2873-00	
Equipment ID	ms Avanti	
Engine Serial Number	9PW00585	
ECM Serial Number	17010018KS	
Personality Module Part Number	2696929-00	
Personality Module Release Date	Jul05	
Personality Module Description	Marine 3412	
Engine Location	Center	
Fuel To Air Ratio Mode	Level 2	
Low Idle Speed	600	rpm
Maximum Trolling Engine Speed	900	rpm
Transmission Oil Temperature High Set Point	95	Deg C
Transmission Oil Pressure High Set Point	2999	kPa
Transmission Oil Temperature Sensor	Installed	
Transmission Oil Pressure Sensor	Installed	
Fuel Correction Factor	5	%
Engine Monitoring Mode	Warning	
Coolant Level Sensor	Installed	
Maintenance Indicator Mode	Off	
PM1 Interval	19078	L
Engine Oil Capacity	138,0	L
Customer Password #1	*****	
Customer Password #2	*****	
FLS	-3	
FTS	30	
Total Tattletale	27	
6 Cylinder Cutout	Unavailable	
Prog Eng Out Conf	MAINTENANCE LMP	

Trip: Time vs Engine Speed - 3412E Marine Center (9PW00585)

Engine Speed(rpm)	hours	%
<400,0	1,35	0,00
400,0-499,0	0,50	0,00
500,0-599,0	7028,85	13,88
600,0-699,0	8805,30	17,38
700,0-799,0	867,40	1,71

800,0-899,0	1041,85	2,06
900,0-999,0	1314,50	2,59
1000,0-1099,0	2261,15	4,46
1100,0-1199,0	3316,30	6,55
1200,0-1299,0	5317,55	10,50
1300,0-1399,0	7056,65	13,93
1400,0-1499,0	6067,80	11,98
1500,0-1599,0	3840,80	7,58
1600,0-1699,0	2368,30	4,68
1700,0-1799,0	1033,45	2,04
1800,0-1899,0	334,70	0,66
1900,0-1999,0	0,15	0,00
2000,0-2099,0	0,00	0,00
2100,0-2199,0	0,00	0,00
2200,0-2299,0	0,00	0,00
2300,0-2399,0	0,00	0,00
>2400,0	0,00	0,00

Trip: Time vs Engine Load Factor - 3412E Marine Center (9PW00585)

Engine Load Factor(%)	hours	%
0,0-4,0	5637,50	11,13
5,0-9,0	6044,95	11,93
10,0-14,0	3384,35	6,68
15,0-19,0	1617,35	3,19
20,0-24,0	2119,50	4,18
25,0-29,0	3457,10	6,82
30,0-34,0	4616,00	9,11
35,0-39,0	9149,95	18,06
40,0-44,0	5156,25	10,18
45,0-49,0	2877,50	5,68
50,0-54,0	1968,50	3,89
55,0-59,0	1350,40	2,67
60,0-64,0	1009,20	1,99
65,0-69,0	731,05	1,44
70,0-74,0	573,85	1,13
75,0-79,0	316,45	0,62
80,0-84,0	236,65	0,47
85,0-89,0	176,80	0,35
90,0-94,0	114,55	0,23
95,0-99,0	64,90	0,13
>100,0	53,80	0,11

Lifetime: Time vs Engine Speed - 3412E Marine Center (9PW00585)

Engine Speed(rpm)	hours	%
<400,0	1,35	0,00
400,0-499,0	0,50	0,00
500,0-599,0	7028,85	13,88
600,0-699,0	8805,30	17,38

700,0-799,0	867,40	1,71
800,0-899,0	1041,85	2,06
900,0-999,0	1314,50	2,59
1000,0-1099,0	2261,15	4,46
1100,0-1199,0	3316,30	6,55
1200,0-1299,0	5317,55	10,50
1300,0-1399,0	7056,65	13,93
1400,0-1499,0	6067,80	11,98
1500,0-1599,0	3840,80	7,58
1600,0-1699,0	2368,30	4,68
1700,0-1799,0	1033,45	2,04
1800,0-1899,0	334,70	0,66
1900,0-1999,0	0,15	0,00
2000,0-2099,0	0,00	0,00
2100,0-2199,0	0,00	0,00
2200,0-2299,0	0,00	0,00
2300,0-2399,0	0,00	0,00
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75,0-79,0	316,45	0,62
80,0-84,0	236,65	0,47
85,0-89,0	176,80	0,35
90,0-94,0	114,55	0,23
95,0-99,0	64,90	0,13
>100,0	53,80	0,11

Trip Segment - 3412E Marine Center (9PW00585)

Description	Value	Unit
Time	Invalid Data	hours
Fuel	Invalid Data	L
Idle Time	Invalid Data	hours

Idle Fuel	Invalid Data	L
% Idle Time	Unavailable	hours
Total Fuel / Total Rated Fuel	Unavailable	%
Start Time	Invalid Data	hours
End Time	50664:35	hours

Maintenance Indicator - 3412E Marine Center (9PW00585)

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