Cat Electronic Technician 2023C v1.0

Product Status Report

5-11-2026 14:15

Product Status Report

Parameter	Value
Engine Serial Number	9PW00307
Equipment ID	Con dios
Comments	

3412E Marine Center (9PW00307)

Parameter	Value
Equipment ID	Con dios
Engine Serial Number	9PW00307
ECM Serial Number	2594B511KS
Personality Module Part Number	2696929-00
Personality Module Release Date	Jul05
Personality Module Description	Marine 3412

Logged Diagnostic Codes [Diagnostic Clock = 24513 hours] - 3412E Marine Center (9PW00307)

Code	Description	Occ.	First	Last
94- 3	Fuel Delivery Pressure Sensor : Voltage Above Normal	1	24513	24513
100- 3	Engine Oil Pressure Sensor : Voltage Above Normal	1	24513	24513
127- 3	Transmission Oil Pressure Sensor : Voltage Above Normal	2	24513	24513
174- 3	Fuel Temperature Sensor : Voltage Above Normal	1	24513	24513
175- 3	Engine Oil Temperature Sensor : Voltage Above Normal	255	23398	24513
177- 3	Transmission Oil Temperature Sensor : Voltage Above Normal	1	24513	24513
190- 3	Engine Speed Sensor : Voltage Above Normal	1	24513	24513
273- 3	Turbocharger Outlet Pressure Sensor : Voltage Above Normal	1	24513	24513
274- 3	Atmospheric Pressure Sensor : Voltage Above Normal	1	24513	24513

Logged Event Codes [Diagnostic Clock = 24513 hours] - 3412E Marine Center (9PW00307)

Code	Description	Occ.	First	Last
E059 (1)	Low Engine Coolant Level Warning	20	11333	24513
E164	High Injector Actuation Pressure	1	24513	24513
E030	High Transmission Oil Temperature Warning	11	12431	18834
E017	High Engine Coolant Temperature Warning	1	11333	11333
E100 (1)	Low Engine Oil Pressure Warning	1	11333	11333

Active Diagnostic Codes - 3412E Marine Center (9PW00307)

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
110- 3	Engine Coolant Temperature Sensor : Voltage Above Normal
127- 3	Transmission Oil Pressure Sensor : Voltage Above Normal
164- 3	Injector Actuation Pressure : Voltage Above Normal
174- 3	Fuel Temperature Sensor : Voltage Above Normal
175- 3	Engine Oil Temperature Sensor : Voltage Above Normal
177- 3	Transmission Oil Temperature Sensor : Voltage Above Normal
190- 3	Engine Speed Sensor : Voltage Above Normal
273- 3	Turbocharger Outlet Pressure Sensor : Voltage Above Normal
274- 3	Atmospheric Pressure Sensor : Voltage Above Normal

Current Totals - 3412E Marine Center (9PW00307)

Description	Value	Unit
Total Time	24513	hours
Total Idle Time	8163:09	hours
Total Fuel	1577357	L
Total Idle Fuel	62931	L
Total Max Fuel	3086618	L
Average Load Factor	50	%

Configuration - 3412E Marine Center (9PW00307)

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	Con dios	
Engine Serial Number	9PW00307	
ECM Serial Number	2594B511KS	
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 1	
Low Idle Speed	620	rpm
Maximum Trolling Engine Speed	900	rpm
Transmission Oil Temperature High Set Point	85	Deg C
Transmission Oil Pressure High Set Point	2800	kPa
Transmission Oil Temperature Sensor	Installed	
Transmission Oil Pressure Sensor	Installed	
Fuel Correction Factor	-6	%
Engine Monitoring Mode	Warning	

Coolant Level Sensor	Installed	
Maintenance Indicator Mode	Off	
PM1 Interval	19078	L
Engine Oil Capacity	52,0	L
Customer Password #1	**********	
Customer Password #2	**********	
FLS	127	
FTS	127	
Total Tattletale	42	
6 Cylinder Cutout	Unavailable	
Prog Eng Out Conf	Maintenance Indicator	

Trip: Time vs Engine Speed - 3412E Marine Center (9PW00307)

Engine Speed(rpm)	hours	%
<400,0	2,85	0,01
400,0-499,0	1,90	0,01
500,0-599,0	121,60	0,35
600,0-699,0	8307,50	23,82
700,0-799,0	656,80	1,88
800,0-899,0	864,70	2,48
900,0-999,0	1034,40	2,97
1000,0-1099,0	1762,25	5,05
1100,0-1199,0	4331,00	12,42
1200,0-1299,0	3671,05	10,52
1300,0-1399,0	4548,55	13,04
1400,0-1499,0	2680,80	7,69
1500,0-1599,0	1984,10	5,69
1600,0-1699,0	2779,45	7,97
1700,0-1799,0	2092,35	6,00
1800,0-1899,0	41,95	0,12
1900,0-1999,0	0,00	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 (9PW00307)

Engine Load Factor(%)	hours	%
0,0-4,0	3928,30	11,26
5,0-9,0	1113,65	3,19
10,0-14,0	1858,60	5,33
15,0-19,0	1720,15	4,93
20,0-24,0	1152,95	3,31
25,0-29,0	1655,70	4,75
30,0-34,0	3940,75	11,30
35,0-39,0	4730,15	13,56
40,0-44,0	4943,20	14,17

45,0-49,0	1954,30	5,60
50,0-54,0	1093,15	3,13
55,0-59,0	1094,15	3,14
60,0-64,0	961,45	2,76
65,0-69,0	1093,15	3,13
70,0-74,0	1454,05	4,17
75,0-79,0	1319,70	3,78
80,0-84,0	549,60	1,58
85,0-89,0	116,10	0,33
90,0-94,0	33,35	0,10
95,0-99,0	36,10	0,10
>100,0	132,55	0,38

Lifetime: Time vs Engine Speed - 3412E Marine Center (9PW00307)

Engine Speed(rpm)	hours	%
<400,0	2,85	0,01
400,0-499,0	1,90	0,01
500,0-599,0	121,60	0,35
600,0-699,0	8307,50	23,82
700,0-799,0	656,80	1,88
800,0-899,0	864,70	2,48
900,0-999,0	1034,40	2,97
1000,0-1099,0	1762,25	5,05
1100,0-1199,0	4331,00	12,42
1200,0-1299,0	3671,05	10,52
1300,0-1399,0	4548,55	13,04
1400,0-1499,0	2680,80	7,69
1500,0-1599,0	1984,10	5,69
1600,0-1699,0	2779,45	7,97
1700,0-1799,0	2092,35	6,00
1800,0-1899,0	41,95	0,12
1900,0-1999,0	0,00	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

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30,0-34,0	3940,75	11,30
35,0-39,0	4730,15	13,56

40,0-44,0	4943,20	14,17
45,0-49,0	1954,30	5,60
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55,0-59,0	1094,15	3,14
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65,0-69,0	1093,15	3,13
70,0-74,0	1454,05	4,17
75,0-79,0	1319,70	3,78
80,0-84,0	549,60	1,58
85,0-89,0	116,10	0,33
90,0-94,0	33,35	0,10
95,0-99,0	36,10	0,10
>100,0	132,55	0,38

Trip Segment - 3412E Marine Center (9PW00307)

Description	Value	Unit
Time	24513:49	hours
Fuel	1577357,5	L
Idle Time	8163:08	hours
Idle Fuel	62931,1	L
% Idle Time	33	%
Total Fuel / Total Rated Fuel	51	%
Start Time	0:00	hours
End Time	24513:49	hours

Maintenance Indicator - 3412E Marine Center (9PW00307)

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