

Cat Electronic Technician 2018C v1.0

Product Status Report

7-11-2025 13:21

Product Status Report

Parameter	Value
Engine Serial Number	W2306411
Equipment ID	NOT PROGRAMMED
Comments	

Industrial Engine (W2306411)

Parameter	Value
Engine Serial Number	W2306411
ECM Serial Number	16087338VH
Software Group Part Number	5162969-00
Software Group Release Date	JUN16
Software Group Description	Unity Industrial
Calibration Identification Number	AU850_01

Current Totals - Industrial Engine (W2306411)

Description	Value	Unit
Total Idle Time	421:48	hours
Total Fuel	43427	L
Total Idle Fuel	767	L
Total Max Fuel	126152	L
Engine Lifetime Hours	5166,1	hours
Average Load Factor	34	%
Engine Starts	7463	
Lifetime Total Engine Revolutions	533020144	rev
Total Operating Hours	5165,4	hours
Total Engine Idle Shutdown Count	0	
Total Engine Idle Shutdown Overrides Count	0	
Starts/Hour	1,44	
Average RPM	1719,62	rpm
Percentage Idle Time	8,15	%
Average Fuel Rate	8,41	L/h
Overall Load Factor	34	%

Configuration - Industrial Engine (W2306411)

Description	Value	Unit
Engine Serial Number	W2306411	

ECM Serial Number	16087338VH	
Software Group Part Number	5162969-00	
Software Group Release Date	JUN16	
Software Group Description	Unity Industrial	
Rating Number	1	
Rated Frequency	60 Hz	
Rated Power	98 kW at 1800 rpm	
Rated Peak Torque	521 N-m at 1800 rpm	
Rating Configuration	Low Emissions	
Low Idle Speed	900,0	rpm
Starting System Type	Unavailable	
Starting System #1 Crank Cycle Rest Interval	Unavailable	sec
Starting System #2 Crank Cycle Rest Interval	Unavailable	sec
Crank Terminate RPM	Unavailable	rpm
Starting System #1 Crank Duration	Unavailable	sec
Ether Solenoid Configuration	Not Installed	
Glow Plug Start Aid Installation Status	Installed	
Inlet Air Temperature Sensor	Unavailable	
Engine Idle Shutdown Enable Status	Disabled	
Engine Idle Shutdown Delay Time	5,0	min
Monitoring Mode Shutdowns	Enabled	
Monitoring Mode Derates	Enabled	
Engine Fan Control	Off	
Engine Fan Type Configuration	Variable Hydraulic	
Top Engine Fan Speed	1600	rpm
Engine Cooling Fan Solenoid Minimum Duty Cycle	Unavailable	%
Engine Cooling Fan Solenoid Maximum Duty Cycle	Unavailable	%
Engine Fan Control Charge Air Cooler Outlet Temperature Input Enable	Enabled	
Engine Cooling Fan Maximum Air Flow Charge Air Cooler Outlet Temperature	46,0	Deg C
Engine Cooling Fan Minimum Air Flow Charge Air Cooler Outlet Temperature	38,0	Deg C
Engine Cooling Fan Control Coolant Temperature Input Enable Status	Enabled	
Engine Cooling Fan Maximum Air Flow Coolant Temperature	98,0	Deg C
Engine Cooling Fan Minimum Air Flow Coolant Temperature	92,0	Deg C
Engine Cooling Fan Control Transmission Oil Temperature Input Enable Status	Disabled	
Engine Cooling Fan Control Hydraulic Oil Temperature Input Enable Status	Disabled	
Engine Cooling Fan Control Auxiliary #1 Temperature Input Enable Status	Disabled	
Engine Cooling Fan Control Intake Manifold Air Temperature Input Enable	Unavailable	

Engine Fan Maximum Air Flow Intake Manifold Air Temperature Threshold	Unavailable	Deg C
Engine Fan Minimum Air Flow Intake Manifold Air Temperature Threshold	Unavailable	Deg C
Maintenance Indicator Mode	Off	
PM1 Interval	Unavailable	L
Maintenance Level 1 Cycle Interval Hours	250	hours
Coolant Level Sensor	Installed	
Air Shutoff	Disabled	
Air Filter Restriction Switch Installation Status	Installed	
Air Filter Restriction Switch Configuration	Normally Open	
Fuel/Water Separator Switch Installation Status	Installed	
User Defined Switch Installation Status	Installed	
Auxiliary Temperature Sensor Installation Status	Not Installed	
Engine Charge Air Cooler #1 Outlet Temperature Sensor Installation Status	Not Installed	
Engine Oil Level Sensor Installation Status	Not Installed	
System Operating Voltage Configuration	12 Volt	
FLS	63	
FTS	-71	
CAN Communication Protocol Write Security	Seed and Key Access	
CAN Communication Protocol Read Security	Seed and Key Access	
Total Tattletale	9	

Monitoring System - Industrial Engine (W2306411)

Description	State	Trip Point	Delay Time
Engine Overspeed			
Least Severe (1)	Always On	3000 rpm	0 sec
Most Severe (3)	On	3000 rpm	0 sec
High Air Inlet #1 Differential Pressure			
Least Severe (1)	Always On	1,0 kPa	0 sec
Moderate Severity (2)	Always On	1,0 kPa	60 sec
High Auxiliary Temperature			
Least Severe (1)	On	105 Deg C	4 sec
Moderate Severity (2)	On	106 Deg C	4 sec
Most Severe (3)	Off	107 Deg C	4 sec
High Engine Coolant Temperature			
Least Severe (1)	Always On	105 Deg C	10 sec
Moderate Severity (2)	Always On	106 Deg C	10 sec
Most Severe (3)	Always On	107 Deg C	10 sec
High Fuel/Water Separator Water Level			
Least Severe (1)	Always On	None	40 sec

Moderate Severity (2)	Always On	None	1800 sec
<u>High Intake Manifold Air Temperature</u>			
Least Severe (1)	Always On	87,0 Deg C	8 sec
Moderate Severity (2)	Always On	91,0 Deg C	8 sec
<u>Low Coolant Level</u>			
Moderate Severity (2)	Always On	None	60 sec
Most Severe (3)	Always On	None	10 sec
<u>Low Engine Oil Level</u>			
Moderate Severity (2)	Always On	None	3 sec
<u>Low Engine Oil Pressure</u>			
Least Severe (1)	Always On	None	0 sec
Most Severe (3)	Always On	None	0 sec