

Cat Electronic Technician 2023C v1.0

Product Status Report

12/11/2025 10:42

Product Status Report

Parameter	Value
Engine Serial Number	TWM01425
Equipment ID	Not Programmed
Comments	

C27 IND (TWM01425)

Parameter	Value
Equipment ID	Not Programmed
Engine Serial Number	TWM01425
ECM Serial Number	09296378JW
Personality Module Part Number	3919920-00
Software Group Release Date	MAY2012

Logged Diagnostic Codes [Diagnostic Clock = 3550 hours] - C27 IND (TWM01425)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 3550 hours] - C27 IND (TWM01425)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - C27 IND (TWM01425)

Code	Description
No Active Diagnostic Codes	

Current Totals - C27 IND (TWM01425)

Description	Value	Unit
Total Operating Hours	3550	hours
Total Idle Time	1675:21	hours
Total Fuel	196853	L
Total Idle Fuel	11155	L
Total Max Fuel	581192	L
Average Load Factor	32	%

Configuration - C27 IND (TWM01425)

Description	Value	Unit
Equipment ID	Not Programmed	
Engine Serial Number	TWM01425	
ECM Serial Number	09296378JW	
Personality Module Part Number	3919920-00	
Software Group Release Date	MAY2012	
Rating Number	2	
Rated Power	652 kW at 2100 rpm	
Rated Peak Torque	3998 N-m at 1400 rpm	
Top Engine Speed Range	1800 - 2310 rpm	
Test Spec	0K4946 0K4945	
Top Engine Limit	Unavailable	rpm
Low Idle Speed	700	rpm
High Idle Speed	2100	rpm
Maximum Engine Torque Limit	3998	N-m
Engine Acceleration Rate	500	rpm/s
PTO Mode	Ramp Up/Ramp Down	
Intermediate Engine Speed	1100,0	rpm
Ether Control	Enabled	
Ether Solenoid Configuration	Continuous Flow Solenoid	
Air Shutoff	Disabled	
Throttle Position Sensor	Not Installed	
Coolant Level Sensor	Installed	
Left Exhaust Temperature Sensor Installation Status	Unavailable	
Right Exhaust Temperature Sensor Installation Status	Unavailable	
Auxiliary Temperature Sensor Installation Status	Not Installed	
Auxiliary Pressure Sensor Installation Status	Not Installed	
Throttle Input Low Idle Duty Cycle Setpoint	10,0	%
Throttle Input High Idle Duty Cycle Setpoint	90,0	%
Engine Governor Primary Mode Configuration	Speed Control	
Engine Governor Mode Override Switch Installation Status	Not Installed	
Transmission Default Torque Limit Reset	Unavailable	
Engine Location	Unavailable	
Engine Performance Run Out Control Configuration	Unavailable	
Engine Speed Droop	Unavailable	%
Maintenance Indicator Mode	Auto-Hour	
PM1 Interval	250	hours
FLS	-7	
FTS	6	
Customer Password #1	*****	
Customer Password #2	*****	

Last Tool to Change Customer Parameters		
Last Tool to Change System Parameters	NEVER S	
Total Tattletale	23	
Run Out Control	Off	
Runout Spd Droop	Off	

Injector Trim Calibration - C27 IND (TWM01425)

Injector	Serial Number	File Version
Injector1	000000005A51753086D6	0
Injector2	000000005A517516634A	0
Injector3	000000005A517516786E	0
Injector4	000000005A517516477C	0
Injector5	000000005A51753090D1	0
Injector6	000000005A5175165567	0
Injector7	000000005A5175167056	0
Injector8	000000005A517516383A	0
Injector9	000000005A517516624D	0
Injector10	000000005A517516341E	0
Injector11	000000005A517516507C	0
Injector12	000000005A5175165943	0

Monitoring System - C27 IND (TWM01425)

Description	State	Trip Point	Delay Time
Engine Overspeed			
Least Severe (1)	On	2300 rpm	1 sec
Most Severe (3)	On	2350 rpm	1 sec
High Auxiliary Pressure			
Least Severe (1)	Off	1500 kPa	4 sec
Moderate Severity (2)	Off	1500 kPa	3 sec
Most Severe (3)	Off	1500 kPa	3 sec
High Auxiliary Temperature			
Least Severe (1)	Off	105 Deg C	4 sec
Moderate Severity (2)	Off	106 Deg C	4 sec
Most Severe (3)	Off	107 Deg C	4 sec
High Engine Coolant Temperature			
Least Severe (1)	On	108 Deg C	10 sec
Moderate Severity (2)	On	109 Deg C	10 sec
Most Severe (3)	On	111 Deg C	10 sec
High Engine Inlet Air Temperature			
Least Severe (1)	On	82,0 Deg C	8 sec
Moderate Severity (2)	On	86,0 Deg C	8 sec
High Fuel Pressure			
Least Severe (1)	On	880,0 kPa	8 sec
High Fuel Temperature			
Least Severe (1)	On	89,0 Deg C	30 sec
Moderate Severity (2)	On	90,0 Deg C	10 sec

Most Severe (3)	On	91,0 Deg C	10 sec
Low Coolant Level			
Least Severe (1)	On	None	10 sec
Moderate Severity (2)	On	None	10 sec
Most Severe (3)	Off	None	10 sec
Low Engine Oil Pressure			
Least Severe (1)	On	None	8 sec
Moderate Severity (2)	On	None	8 sec
Most Severe (3)	On	None	4 sec

Job Segment - C27 IND (TWM01425)

Description	Value	Unit
Time	3550:24	hours
Fuel	196852,8	L
Idle Time	1675:20	hours
Idle Fuel	11155,1	L
% Idle Time	47	%
Total Fuel / Total Rated Fuel	34	%
Start Time	0:00	hours
End Time	3550:24	hours

Maintenance Indicator - C27 IND (TWM01425)

Description	Service Status	Value	Unit
PM1	Due in	36,6	hours