Cat Electronic Technician 2018A v1.0

Product Status Report

9/28/2026 12:43 PM

Product Status Report

Parameter	Value
Engine Serial Number	AT401619
Equipment ID	JN0113396800CT
Comments	

C27 Industrial #1 (AT401619)

Parameter	Value
Equipment ID	JN0113396800CT
Engine Serial Number	AT401619
ECM Serial Number	03246328VB
Software Group Part Number	6006319-00
Software Group Release Date	MAR20
Software Group Description	C27-T4F-IND-PROD-9.4.1
Operator Inducement Regulation Configuration	Unavailable

Logged Diagnostic Codes [Diagnostic Clock = 42.5206 hours] - C27 Industrial #1 (AT401619)

Code	Description	Occ.	SHM First	SHM Last	RTC First	RTC Last
172- 3	Engine Air Inlet Temperature : Voltage Above Normal	8	42:30:17	42:31:14	9/26/2026 10:39:08 AM	9/28/2026 4:46:53 AM
626- 5	Engine Start Enable Device 1 : Current Below Normal	8	42:30:17	42:31:14	9/26/2026 10:39:06 AM	9/28/2026 4:46:51 AM
5580- 3	Engine Filtered Fuel Delivery Absolute Pressure : Voltage Above Normal	1	42:31:13	42:31:13	9/26/2026 12:01:25 PM	9/26/2026 12:01:25 PM

Logged Event Codes [Diagnostic Clock = 42.5206 hours] - C27 Industrial #1 (AT401619)

Code	Description	Occ.	SHM First	SHM Last	RTC First	RTC Last
100- 1	Engine Oil Pressure : Low - most severe (3)	1	42:29:38	42:29:38	6/17/2025 10:03:10 AM	6/17/2025 10:03:10 AM
100-17	Engine Oil Pressure : Low - least severe (1)	1	42:29:37	42:29:37	6/17/2025 10:03:09 AM	6/17/2025 10:03:09 AM
111- 1	Engine Coolant Level : Low - most severe (3)	16	17:19:10	42:31:14	1/31/2025 9:19:13 AM	9/28/2026 4:47:03 AM
111-17	Engine Coolant Level : Low - least severe (1)	16	17:19:10	42:31:14	1/31/2025 9:19:13 AM	9/28/2026 4:47:03 AM

Active Diagnostic Codes - C27 Industrial #1 (AT401619)

Code	Description	Occ.
172- 3	Engine Air Inlet Temperature : Voltage Above Normal	8
626- 5	Engine Start Enable Device 1 : Current Below Normal	8

Active Event Codes - C27 Industrial #1 (AT401619)

Code	Description
111- 1	Engine Coolant Level : Low - most severe (3)
111-17	Engine Coolant Level : Low - least severe (1)

Current Totals - C27 Industrial #1 (AT401619)

Description	Value	Unit
Total Idle Time	19:54	hours
Total Fuel	446	gal
Total Engine #1 Fuel	446	gal
Total Idle Fuel	40	gal
Total Max Fuel	2104	gal
Engine Lifetime Hours	42.5	hours
Average Load Factor	19	%
Engine Starts	109	
Lifetime Total Engine Revolutions	2858180	rev
Total Operating Hours	42.5	hours
Total Engine Idle Shutdown Count	0	
Total Engine Idle Shutdown Overrides Count	0	
Total Delayed Engine Shutdown Count	0	
Total Delayed Engine Shutdown Overrides Count	0	
Operator Inducement Emergency Override Total Activations	0	
Operator Inducement Emergency Override Total Resets	0	
SCR Operator Inducement Emergency Override Total Activation Time	Unavailable	sec
Starts/Hour	2.56	
Average RPM	1120.37	rpm
Percentage Idle Time	44.69	%
Average Fuel Rate	10.48	gal/h
Overall Load Factor	21	%

Configuration - C27 Industrial #1 (AT401619)

Description	Value	Unit
Equipment ID	JN0113396800CT	
Engine Serial Number	AT401619	

ECM Serial Number	03246328VB	
Software Group Part Number	6006319-00	
Software Group Release Date	MAR20	
Software Group Description	C27-T4F-IND-PROD-9.4.1	
Rating Number	2	
Rated Power	1050 hp at 1800 rpm	
Rated Peak Torque	3418 lb-ft at 1200 rpm	
Top Engine Limit	1800	rpm
Low Idle Speed	700	rpm
High Idle Speed	2052	rpm
Engine Acceleration Rate	2000	rpm/s
Engine Speed Decelerating Ramp Rate	2000	rpm/s
Ether Solenoid Configuration	Continuous Flow Solenoid	
Engine Idle Shutdown Enable Status	Disabled	
Engine Idle Shutdown Delay Time	5.0	min
Delayed Engine Shutdown Enable Status	Disabled	
Delayed Engine Shutdown Maximum Time	7.0	min
Engine Location	Engine #1	
Engine Performance Run Out Control Configuration	Not Installed	
Engine Governor Mode Override Switch Installation Status	Not Installed	
Transmission Default Torque Limit Reset	Not Reset	
Air Filter Restriction Switch Installation Status	Not Installed	
Air Filter Restriction Switch Configuration	Normally Open	
Intermediate Engine Speed	1400.0	rpm
Air Shutoff	Disabled	
Air Intake Shutoff Detection Installation Status	Not Installed	
Coolant Level Sensor	Installed	
Auxiliary Temperature Sensor Installation Status	Not Installed	
Auxiliary Pressure Sensor Installation Status	Not Installed	
Auxiliary Temperature Sensor #2 Installation Status	Not Installed	
Engine Governor Primary Mode Configuration	Speed Control	
Limp Home Desired Engine Speed	1200.0	rpm
Limp Home Engine Speed Ramp Rate	200.0	rpm/s
Throttle Input Low Idle Duty Cycle Setpoint	10.0	%
Throttle Input High Idle Duty Cycle Setpoint	90.0	%
Throttle Input #2 Low Idle Duty Cycle Setpoint	10.0	%
Throttle Input #2 High Idle Duty Cycle Setpoint	90.0	%
Throttle Failure Mode Latch Enable Status	Enabled	
Throttle Lock Feature Installation Status	Not Installed	
PTO Mode	Set/Resume	

Throttle Lock Engine Set Speed #1	700	rpm
Throttle Lock Engine Set Speed #2	700	rpm
Throttle Lock Increment Speed Ramp Rate	400.0	rpm/s
Throttle Lock Decrement Speed Ramp Rate	400	rpm/s
Throttle Lock Engine Set Speed Increment	10.0	rpm
Throttle Lock Engine Set Speed Decrement	10	rpm
Engine Fan Control	Off	
Engine Fan Type Configuration	Variable Hydraulic	
Engine Fan Reversing Feature	Disabled	
Engine Fan Manual Purge	Disabled	
Engine Fan Suspend Purge	Disabled	
Engine Fan Purge Cycle Interval	1200	sec
Engine Fan Purge Cycle Duration	180.0	sec
Engine Fan Control Charge Air Cooler Outlet Temperature Input Enable	Disabled	
Engine Cooling Fan Control Coolant Temperature Input Enable Status	Enabled	
Engine Cooling Fan Maximum Air Flow Coolant Temperature	212.0	Deg F
Engine Cooling Fan Minimum Air Flow Coolant Temperature	194.0	Deg F
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	
Maintenance Indicator Mode	Off	
PM1 Interval	2500	gal
Operator Inducement Progress Configuration	Reduced Performance	
Operator Inducement Regulation Configuration	Unavailable	
Operator Inducement Emergency Override Enable Status	Disabled	
Operator Inducement Emergency Override Activation	Not Activated	
Factory Installed Aftertreatment #1 Identification Number	BAA318132A	
Factory Installed Aftertreatment #2 Identification Number	Unavailable	
Air Inlet Temperature Calibration Value	61000274	
System Operating Voltage Configuration	24 Volt	
FLS	-47	
FTS	59	
Customer Password #1	**********	
Customer Password #2	**********	
CAN Communication Protocol Write Security	Seed and Key Access	
CAN Communication Protocol Read Security	Seed and Key Access	

Last Tool to change Customer Parameters	ET664199	
Last Tool to change System Parameters	NEVER S	
Total Tattletale	18	

Injector Trim Calibration - C27 Industrial #1 (AT401619)

Injector	Serial Number	File Version
Injector1	000000006C0077764114	9
Injector2	000000006C00776521C1	9
Injector3	000000006C007776366A	9
Injector4	000000006C00776512F7	9
Injector5	000000006C00777688D7	9
Injector6	000000006C00776511FE	9
Injector7	000000006C00777687FA	9
Injector8	000000006C0077763947	9
Injector9	000000006C00777681E8	9
Injector10	000000006C0077763563	9
Injector11	000000006C00777683E6	9
Injector12	000000006C0077763840	9

Monitoring System - C27 Industrial #1 (AT401619)

Description	State	Trip Point	Delay Time
Engine Overspeed			
Least Severe (1)	Always On	2600 rpm	0 sec
Most Severe (3)	On	2800 rpm	0 sec
High Auxiliary Pressure			
Least Severe (1)	Off	218 psi	4 sec
Moderate Severity (2)	Off	218 psi	3 sec
Most Severe (3)	Off	218 psi	3 sec
High Auxiliary Temperature			
Least Severe (1)	Off	221 Deg F	4 sec
Moderate Severity (2)	Off	223 Deg F	4 sec
Most Severe (3)	Off	225 Deg F	4 sec
High Auxiliary Temperature #2			
Least Severe (1)	Off	221 Deg F	4 sec
Moderate Severity (2)	Off	223 Deg F	4 sec
Most Severe (3)	Off	225 Deg F	4 sec
High Engine Coolant Temperature			
Least Severe (1)	Always On	228 Deg F	10 sec
Moderate Severity (2)	Off	232 Deg F	10 sec
Most Severe (3)	On	232 Deg F	10 sec
High Fuel Filter Restriction Pressure			
Least Severe (1)	Always On	0 psi	0 sec
Moderate Severity (2)	On	0 psi	7200 sec
High Fuel Temperature			
Least Severe (1)	Always On	172.4 Deg F	30 sec

Moderate Severity (2)	On	174.2 Deg F	10 sec
Most Severe (3)	Off	176.0 Deg F	10 sec
High Intake Manifold Air Temperature			
Least Severe (1)	Always On	239.0 Deg F	8 sec
Moderate Severity (2)	Off	248.0 Deg F	4 sec
High Left Exhaust #2 Temperature			
Least Severe (1)	Always On	1346 Deg F	60 sec
Moderate Severity (2)	Off	1382 Deg F	60 sec
Most Severe (3)	Off	1562 Deg F	60 sec
High Left Exhaust Temperature			
Least Severe (1)	Always On	1346 Deg F	60 sec
Moderate Severity (2)	Off	1382 Deg F	60 sec
Most Severe (3)	Off	1562 Deg F	60 sec
High Right Exhaust #2 Temperature			
Least Severe (1)	Always On	1346 Deg F	60 sec
Moderate Severity (2)	Off	1382 Deg F	60 sec
Most Severe (3)	Off	1562 Deg F	60 sec
High Right Exhaust Temperature			
Least Severe (1)	Always On	1346 Deg F	60 sec
Moderate Severity (2)	Off	1382 Deg F	60 sec
Most Severe (3)	Off	1562 Deg F	60 sec
Left Air Inlet Restriction			
Least Severe (1)	Off	None	60 sec
Moderate Severity (2)	Off	None	60 sec
Low Coolant Level			
Least Severe (1)	Always On	None	10 sec
Moderate Severity (2)	Off	None	10 sec
Most Severe (3)	On	None	10 sec
Low Engine Oil Pressure			
Least Severe (1)	Always On	None	8 sec
Moderate Severity (2)	Off	None	4 sec
Most Severe (3)	On	None	8 sec