

Cat Electronic Technician 2025B v1.0

Product Status Report

05/11/2025 8:50 AM

Product Status Report

Parameter	Value
Engine Serial Number	CPT27072
Equipment ID	DAG00582
Comments	

3056 600E Compactor (CPT27072)

Parameter	Value
Equipment ID	DAG00582
Engine Serial Number	CPT27072
ECM Serial Number	27666087IB
Personality Module Part Number	2603309-00
Personality Module Release Date	APR05
Personality Module Description	CAT 3056 Engine

Logged Diagnostic Codes [Diagnostic Clock = 8356 hours] - 3056 600E Compactor (CPT27072)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 8356 hours] - 3056 600E Compactor (CPT27072)

Code	Description	Occ.	First	Last
E283 (3)	Low Hydraulic Charge Pressure	17	2439	7783
E017 (2)	High Engine Coolant Temperature Warning	7	5186	7768
E015 (3)	High Engine Coolant Temperature Derate	4	5285	7288
E016 (3)	High Engine Coolant Temperature Shutdown	2	6553	6553

Active Diagnostic Codes - 3056 600E Compactor (CPT27072)

Code	Description
No Active Diagnostic Codes	

Current Totals - 3056 600E Compactor (CPT27072)

Description	Value	Unit
Total Operating Hours	8357	hours
Total Fuel	155885	L

Configuration - 3056 600E Compactor (CPT27072)

Description	Value	Unit
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Equipment ID	DAG00582	
Engine Serial Number	CPT27072	
ECM Serial Number	27666087IB	
Personality Module Part Number	2603309-00	
Personality Module Description	CAT 3056 Engine	
FLS	7	
FTS	-22	
Total Tattletale	5	
Low Idle Speed	1200	rpm
High Idle Speed	2310	rpm
Air Inlet Heater Installation Status	Not Installed	
Rated Power	129 kW at 2200 rpm	
Rated Peak Torque	695 N-m at 1400 rpm	

Lifetime: Time vs Engine Speed And Delivered Fuel Mass - 3056 600E Compactor (CPT27072)

rpm	<600	600-799	800-999	1000-1199	1200-1399	1400-1599	1600-1799	1800-1999	2000-2199
mg									
<10.0	0.00	0.00	0.00	25.35	26.40	1.10	0.85	0.70	0.70
10.0-19.9	0.00	0.00	0.00	496.40	407.90	0.00	0.00	0.00	0.00
20.0-29.9	0.00	0.00	0.00	134.40	91.80	0.00	0.00	0.00	0.00
30.0-39.9	0.00	0.00	0.00	11.80	8.45	0.00	0.00	0.00	0.00
40.0-49.9	0.00	0.00	0.00	4.70	3.35	0.00	0.00	0.00	0.25
50.0-59.9	0.00	0.25	0.35	3.45	4.95	3.80	4.45	3.10	2.55
60.0-69.9	0.15	0.10	0.30	1.90	0.85	1.10	5.95	6.25	4.95
70.0-79.9	0.00	0.00	0.10	0.45	0.55	1.40	4.50	14.55	155.60
80.0-89.9	0.00	0.00	0.00	0.00	0.05	0.20	4.65	24.65	79.40
90.0-99.9	0.00	0.00	0.00	0.00	0.00	0.35	0.25	0.00	0.00
>100.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.15	0.35	0.75	678.45	544.30	7.95	20.65	49.25	243.45

Lifetime: Time vs Engine Speed And Delivered Fuel Mass - 3056 600E Compactor (CPT27072)

rpm	2200-2399	2400-2599	2600-2799	>2800	Total
mg					
<10.0	7.45	0.45	0.10	0.05	63.15
10.0-19.9	67.80	0.00	0.00	0.00	972.10
20.0-29.9	464.70	0.00	0.00	0.00	690.90
30.0-39.9	946.90	0.00	0.00	0.00	967.15
40.0-49.9	1619.10	0.00	0.00	0.00	1627.40
50.0-59.9	1601.05	0.00	0.00	0.00	1623.95
60.0-69.9	661.50	0.00	0.00	0.00	683.05

70.0-79.9	155.30	0.00	0.00	0.00	332.45
80.0-89.9	0.00	0.00	0.00	0.00	108.95
90.0-99.9	0.00	0.00	0.00	0.00	0.60
>100.0	0.00	0.00	0.00	0.00	0.00
Total	5523.80	0.45	0.10	0.05	7069.70

Monitoring System - 3056 600E Compactor (CPT27072)

Description	State	Trip Point	Delay Time
<u>Altitude (atmospheric pressure)</u>			
Moderate Severity (2)	On	70.0 kPa	1 sec
<u>Engine Overspeed</u>			
Least Severe (1)	On	3300 rpm	1 sec
<u>High Engine Coolant Temperature</u>			
Least Severe (1)	On	111 Deg C	4 sec
Moderate Severity (2)	On	112 Deg C	6 sec
Most Severe (3)	On	118 Deg C	6 sec
<u>High Engine Inlet Air Temperature</u>			
Least Severe (1)	On	82.0 Deg C	4 sec
Moderate Severity (2)	On	86.0 Deg C	4 sec
<u>High Fuel Temperature</u>			
Least Severe (1)	On	85.0 Deg C	4 sec
Moderate Severity (2)	On	100.0 Deg C	4 sec
<u>Low Engine Oil Pressure</u>			
Least Severe (1)	On	None	2 sec
Most Severe (3)	On	None	2 sec
<u>Unknown Event</u>			
Moderate Severity (2)	On	None	None