

Cat Electronic Technician 2019C v1.0

Product Status Report

15-3-2021 15:48

Product Status Report

Parameter	Value
Engine Serial Number	CPT19039
Equipment ID	NOT PROGRAMMED
Comments	

3056 M318C (CPT19039)

Parameter	Value
Equipment ID	NOT PROGRAMMED
Engine Serial Number	CPT19039
ECM Serial Number	19356121IB
Personality Module Part Number	3575311-00
Personality Module Release Date	APR10
Personality Module Description	CAT 3056 Engine

Logged Diagnostic Codes [Diagnostic Clock = 10714 hours] - 3056 M318C (CPT19039)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 10714 hours] - 3056 M318C (CPT19039)

Code	Description	Occ.	First	Last
E015 (3)	High Engine Coolant Temperature Derate	127	1291	10678
E016 (3)	High Engine Coolant Temperature Shutdown	127	8861	10220
E017 (2)	High Engine Coolant Temperature Warning	127	1291	10678
E023 (3)	High Hydraulic Oil Temperature Derate	85	8159	10678
E100 (1)	Low Engine Oil Pressure Warning	38	9246	10653
E272 (1)	Inlet Air Restriction Warning	5	8212	8213
E600 (2)	High Hydraulic Oil Temperature Warning	127	8126	10699

Active Diagnostic Codes - 3056 M318C (CPT19039)

Code	Description
No Active Diagnostic Codes	

Current Totals - 3056 M318C (CPT19039)

Description	Value	Unit
Total Operating Hours	10714	hours

>100,0	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00	0,00
Total	1,05	1,45	1850,85	1609,25	343,05	1320,80	1136,00	3686,20	2622,25

Lifetime: Time vs Engine Speed And Delivered Fuel Mass - 3056 M318C (CPT19039)

rpm	2200-2399	2400-2599	2600-2799	>2800	Total
mg					
<10,0	0,00	0,00	0,00	0,00	45,95
10,0-19,9	0,00	0,00	0,00	0,00	3319,45
20,0-29,9	0,00	0,00	0,00	0,00	3838,55
30,0-39,9	0,00	0,00	0,00	0,00	1725,45
40,0-49,9	0,00	0,00	0,00	0,00	2622,05
50,0-59,9	0,00	0,00	0,00	0,00	734,30
60,0-69,9	0,00	0,00	0,00	0,00	199,50
70,0-79,9	0,00	0,00	0,00	0,00	83,85
80,0-89,9	0,00	0,00	0,00	0,00	1,80
90,0-99,9	0,00	0,00	0,00	0,00	0,00
>100,0	0,00	0,00	0,00	0,00	0,00
Total	0,00	0,00	0,00	0,00	12570,90

Lifetime: Time vs Engine Coolant Temperature - 3056 M318C (CPT19039)

Engine Coolant Temperature(Deg C)	hours	%
<-20,0	0,00	0,00
(-20,0)-(-11,0)	0,00	0,00
(-10,0)-(-1,0)	1,80	0,01
0,0-9,0	19,30	0,15
10,0-19,0	50,90	0,41
20,0-29,0	77,15	0,61
30,0-39,0	94,30	0,75
40,0-49,0	124,35	0,99
50,0-59,0	171,65	1,37
60,0-69,0	309,10	2,46
70,0-79,0	3588,70	28,58
80,0-89,0	7032,85	56,00
90,0-99,0	922,05	7,34
100,0-109,0	128,45	1,02
>110,0	37,65	0,30

Lifetime: Time vs Inlet Air Temperature - 3056 M318C (CPT19039)

Inlet Air Temperature(Deg C)	hours	%
<20,0	6540,40	52,09
20,0-29,0	3772,35	30,04
30,0-39,0	1820,80	14,50
40,0-49,0	376,00	2,99
50,0-59,0	31,75	0,25
60,0-69,0	11,70	0,09
70,0-79,0	3,35	0,03
80,0-89,0	0,40	0,00

90,0-99,0	0,00	0,00
100,0-109,0	0,00	0,00
110,0-119,0	0,00	0,00
120,0-129,0	0,00	0,00
130,0-139,0	0,00	0,00
>140,0	0,00	0,00

Lifetime: Time vs Boost Pressure - 3056 M318C (CPT19039)

Boost Pressure(kPa)	hours	%
<10,0	3452,85	27,50
10,0-19,0	764,80	6,09
20,0-29,0	1135,55	9,04
30,0-39,0	1755,45	13,98
40,0-49,0	1707,05	13,60
50,0-59,0	1371,90	10,93
60,0-69,0	1273,55	10,14
70,0-79,0	805,50	6,42
80,0-89,0	177,55	1,41
90,0-99,0	73,95	0,59
100,0-109,0	27,45	0,22
110,0-119,0	9,15	0,07
>120,0	0,35	0,00

Monitoring System - 3056 M318C (CPT19039)

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 Air Filter Restriction Pressure</u>			
Least Severe (1)	On	0,5 kPa	2 sec
<u>High Engine Coolant Temperature</u>			
Least Severe (1)	On	111 Deg C	10 sec
Moderate Severity (2)	On	112 Deg C	10 sec
Most Severe (3)	On	118 Deg C	10 sec
<u>High Engine Inlet Air Temperature</u>			
Least Severe (1)	On	82,0 Deg C	10 sec
Moderate Severity (2)	On	86,0 Deg C	10 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>High Hydraulic Oil Temperature</u>			
Least Severe (1)	On	93 Deg C	2 sec
Moderate Severity (2)	On	97 Deg C	2 sec

High System Voltage			
Most Severe (3)	On	32,0 Volts	0 sec
Low Engine Oil Pressure			
Least Severe (1)	On	None	2 sec
Most Severe (3)	On	None	2 sec
Unknown Event			
Moderate Severity (2)	On	None	None

Machine Control M318C

Parameter	Value
Equipment ID	
ECM Serial Number	1645B008KN
Software Group Part Number	3163285-00
Software Group Release Date	DEC2007
Software Group Description	WEX M318C

Logged Diagnostic Codes [Diagnostic Clock = 10714 hours] - Machine Control M318C

Code	Description	Occ.	First	Last
1623- 5	Brake Lights : Current Below Normal	7	0	0

Logged Event Codes [Diagnostic Clock = 10714 hours] - Machine Control M318C

Code	Description	Occ.	First	Last
E046 (3)	Low Transmission Oil Pressure Warning	1	0	0

Active Diagnostic Codes - Machine Control M318C

Code	Description
1623- 5	Brake Lights : Current Below Normal

Active Event Codes - Machine Control M318C

Code	Description
No Active Event Codes	

Current Totals - Machine Control M318C

Description	Value	Unit
Cumulative Travel Time	573,9	hours
Total Swing Time	4467,2	hours
Total Distance	2739,00	km
Total Forward Distance	1629,90	km
Total Reverse Distance	1109,10	km

Configuration - Machine Control M318C

Description	Value	Unit
Travel Alarm Installation Status	Not Installed	
Travel Pedal Lock Installation Status	Installed	
Boom Angle Switch Installation Status	Not Installed	
Refueling Pump Installation Status	Installed	
Quick Coupler Installation Status	Not Installed	

Joystick Steering Feature Installation Status	Not Installed	
Hydraulic Cab Riser Installation Status	Installed	
Excavator Boom Configuration	General Purpose	
Medium Pressure Attachment Installation Status	Installed	
Hydraulic Modulation Feature Installation Status	Not Installed	
Machine Overload Warning System Installation Status	Installed	
Implement Generator Installation Status	Installed	
Multi-Function Auxiliary System Installation Status	Not Installed	
Hammer Installation Status	Not Installed	
AESC Delay Time	5,0	sec
Travel Motor Hydraulic Brake Flow Configuration	Low	
Machine Speed Limit	20	km/h
Travel Pedal Aggressiveness Offset	0,0	
Travel Motor Bypass Delay time	2,0	sec
Trav Valv Rev Adj	-0,020	Amps
Trav Valv Fwd Adj	-0,020	Amps

Tool Configuration - Machine Control M318C

Description	Value	Unit
Tool Program Name	GENERATOR	Active
Attachment Pedal Front Direction Max Flow Command	0,0	%
Attachment Pedal Front Direction Max Pressure Command	100,0	%
Attachment Pedal Back Direction Max Flow Command	0,0	%
Attachment Pedal Back Direction Max Pressure Command	100,0	%
One Way/ Two Way Valve Mode	Two Way	
Total Operation Time	Invalid Data	hours

Soft-Switch Panel

Parameter	Value
ECM Part Number	2437068-00
Software Group Part Number	2437067-00
Software Group Release Date	FEB2003
Software Group Description	WEX Soft Switch Panel