

Cat Electronic Technician 2020A v1.0

Product Status Report

2-9-2021 16:37

Product Status Report

Parameter	Value
Product ID	W6A00421
Equipment ID	W6A00421
Comments	

Implement Control #2

Parameter	Value
ECM Serial Number	02476411LE
Software Group Part Number	3107122-00
Software Group Release Date	MAR2007
Software Group Description	IMPLEMENT CONTROL

Logged Diagnostic Codes [Diagnostic Clock = 9789 hours] - Implement Control #2

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 9789 hours] - Implement Control #2

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Implement Control #2

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Implement Control #2

Code	Description
No Active Event Codes	

Machine Control M316D (W6A00421)

Parameter	Value
Equipment ID	
ECM Serial Number	03476183JT
Software Group Part Number	3968973-00
Software Group Release Date	APR2012

Software Group Description	WEX M316D
----------------------------	-----------

Logged Diagnostic Codes [Diagnostic Clock = 9789 hours] - Machine Control M316D (W6A00421)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 9789 hours] - Machine Control M316D (W6A00421)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Machine Control M316D (W6A00421)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Machine Control M316D (W6A00421)

Code	Description
No Active Event Codes	

Current Totals - Machine Control M316D (W6A00421)

Description	Value	Unit
Cumulative Travel Time	3712,7	hours
Total Swing Time	5080,6	hours
Total Distance	39091,50	km
Total Forward Distance	32118,80	km
Total Reverse Distance	6972,70	km
Machine Working Hours	9978	hours

Configuration - Machine Control M316D (W6A00421)

Description	Value	Unit
Product ID	W6A00421	
Equipment ID		
Product Sales Model	M316	
Programmable Travel Alarm Feature Installation Status	Installed	
Travel Alarm Mode	Off	
Travel Pedal Lock Installation Status	Installed	
Boom Angle Switch Installation Status	Not Installed	
Refueling Pump Installation Status	Installed	
Quick Coupler Installation Status	Installed	
Joystick Steering Feature Installation Status	Installed	
Hydraulic Cab Riser Installation Status	Not Installed	
Excavator Boom Configuration	General Purpose	
Medium Pressure Attachment Installation Status	Installed	

Medium Pressure Hydraulic Circuit Port A Maximum Flow Limit	60,00	%
Medium Pressure Hydraulic Circuit Port B Maximum Flow Limit	60,00	%
Hydraulic Modulation Feature Installation Status	Installed	
Machine Overload Warning System Installation Status	Installed	
Multi-Function Auxiliary System Installation Status	Installed	
Auxiliary Valve #2 Installation Status	Installed	
Auxiliary Valve #2 Port A Maximum Flow Limit	100,00	%
Auxiliary Valve #2 Port B Maximum Flow Limit	100,00	%
Left Attachment Pedal Installation Status	Installed	
Hammer Installation Status	Not Installed	
Heavy Lift System Installation Status	Installed	
Auto Lube System Installation Status	Not Installed	
Ride Control System Installation Status	Not Installed	
Smart Boom Installation Status	Not Installed	
Fast Travel Installation Status	Installed	
AESC Delay Time	2,0	sec
Travel Motor Hydraulic Brake Flow Configuration	Low	
Machine Speed Limit	37	km/h
Forward Travel Aggressiveness Offset	50,0	L/min
Reverse Travel Aggressiveness Offset	50,0	L/min
Swing Brake Activation Delay Time	3,5	sec
Desired Swing Aggressiveness Offset	5	
Machine Overload Pressure Threshold	16000	kPa
Advanced Machine Security System Installation Status	Not Installed	

Calibration Status - Machine Control M316D (W6A00421)

Calibration	Status	Last Successful Completion
Travel Pilot Valve Calibration	Success	12965,5 hours
Travel Pedal Calibration	Success	12732,1 hours
Main Pump Torque Calibration	Success	12733,1 hours
Hydraulic Travel Motor Speed Calibration	Success	12732,1 hours

Tool Configuration - Machine Control M316D (W6A00421)

Description	Value	Unit
Tool Program Name	kallistus	Active
Auxiliary Valve #1 Port A Maximum Flow Configuration	75,0	L/min
Auxiliary Valve #1 Port B Maximum Flow Configuration	75,0	L/min

Auxiliary Valve #1 Port A Maximum Load Sense Pressure	21000	kPa
Auxiliary Valve #1 Port B Maximum Load Sense Pressure	21000	kPa
One Way/ Two Way Valve Mode	Two Way	
Total Operation Time	1466,3	hours

Description	Value	Unit
Tool Program Name	PUMPPU	
Auxiliary Valve #1 Port A Maximum Flow Configuration	95,0	L/min
Auxiliary Valve #1 Port B Maximum Flow Configuration	0,0	L/min
Auxiliary Valve #1 Port A Maximum Load Sense Pressure	21000	kPa
Auxiliary Valve #1 Port B Maximum Load Sense Pressure	35000	kPa
One Way/ Two Way Valve Mode	One Way	
Total Operation Time	56,9	hours

Description	Value	Unit
Tool Program Name	HARJA	
Auxiliary Valve #1 Port A Maximum Flow Configuration	110,0	L/min
Auxiliary Valve #1 Port B Maximum Flow Configuration	65,0	L/min
Auxiliary Valve #1 Port A Maximum Load Sense Pressure	21000	kPa
Auxiliary Valve #1 Port B Maximum Load Sense Pressure	21000	kPa
One Way/ Two Way Valve Mode	Two Way	
Total Operation Time	319,6	hours

Description	Value	Unit
Tool Program Name	MULTURI	
Auxiliary Valve #1 Port A Maximum Flow Configuration	130,0	L/min
Auxiliary Valve #1 Port B Maximum Flow Configuration	130,0	L/min
Auxiliary Valve #1 Port A Maximum Load Sense Pressure	21000	kPa

Auxiliary Valve #1 Port B Maximum Load Sense Pressure	21000	kPa
One Way/ Two Way Valve Mode	Two Way	
Total Operation Time	0,9	hours

Description	Value	Unit
Tool Program Name	RAPI	
Auxiliary Valve #1 Port A Maximum Flow Configuration	60,0	L/min
Auxiliary Valve #1 Port B Maximum Flow Configuration	60,0	L/min
Auxiliary Valve #1 Port A Maximum Load Sense Pressure	21000	kPa
Auxiliary Valve #1 Port B Maximum Load Sense Pressure	21000	kPa
One Way/ Two Way Valve Mode	Two Way	
Total Operation Time	119,9	hours

Description	Value	Unit
Tool Program Name	TOOL #6	
Auxiliary Valve #1 Port A Maximum Flow Configuration	0,0	L/min
Auxiliary Valve #1 Port B Maximum Flow Configuration	0,0	L/min
Auxiliary Valve #1 Port A Maximum Load Sense Pressure	35000	kPa
Auxiliary Valve #1 Port B Maximum Load Sense Pressure	35000	kPa
One Way/ Two Way Valve Mode	Two Way	
Total Operation Time	0,1	hours

Description	Value	Unit
Tool Program Name	TOOL #7	
Auxiliary Valve #1 Port A Maximum Flow Configuration	0,0	L/min
Auxiliary Valve #1 Port B Maximum Flow Configuration	0,0	L/min
Auxiliary Valve #1 Port A Maximum Load Sense Pressure	35000	kPa
Auxiliary Valve #1 Port B Maximum Load Sense Pressure	35000	kPa

One Way/ Two Way Valve Mode	Two Way	
Total Operation Time	0,1	hours

Description	Value	Unit
Tool Program Name	TOOL #8	
Auxiliary Valve #1 Port A Maximum Flow Configuration	0,0	L/min
Auxiliary Valve #1 Port B Maximum Flow Configuration	0,0	L/min
Auxiliary Valve #1 Port A Maximum Load Sense Pressure	35000	kPa
Auxiliary Valve #1 Port B Maximum Load Sense Pressure	35000	kPa
One Way/ Two Way Valve Mode	Two Way	
Total Operation Time	0,1	hours

Description	Value	Unit
Tool Program Name	TOOL #9	
Auxiliary Valve #1 Port A Maximum Flow Configuration	0,0	L/min
Auxiliary Valve #1 Port B Maximum Flow Configuration	0,0	L/min
Auxiliary Valve #1 Port A Maximum Load Sense Pressure	35000	kPa
Auxiliary Valve #1 Port B Maximum Load Sense Pressure	35000	kPa
One Way/ Two Way Valve Mode	Two Way	
Total Operation Time	0,1	hours

Description	Value	Unit
Tool Program Name	TOOL #10	
Auxiliary Valve #1 Port A Maximum Flow Configuration	0,0	L/min
Auxiliary Valve #1 Port B Maximum Flow Configuration	0,0	L/min
Auxiliary Valve #1 Port A Maximum Load Sense Pressure	35000	kPa
Auxiliary Valve #1 Port B Maximum Load Sense Pressure	35000	kPa
One Way/ Two Way Valve Mode	Two Way	
Total Operation Time	0,1	hours

Monitor System

Parameter	Value
ECM Part Number	2785276-05
Software Group Part Number	3285202-00
Software Group Release Date	JAN2004
Software Group Description	WEX Monitor

C6.6 M316D (C6E02151)

Parameter	Value
Equipment ID	W6A00421
Engine Serial Number	C6E02151
ECM Part Number	2863683-00
ECM Serial Number	05876127MB
Software Group Part Number	3063995-00
Software Group Release Date	2006
Software Group Description	WEX D Series

Logged Diagnostic Codes [Diagnostic Clock = 9789 hours] - C6.6 M316D (C6E02151)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 9789 hours] - C6.6 M316D (C6E02151)

Code	Description	Occ.	First	Last
E360 (2)	Low Engine Oil Pressure	1	9788	9788
E360 (3)	Low Engine Oil Pressure	1	3225	3225
E361 (2)	High Engine Coolant Temperature	1	9788	9788
E361 (3)	High Engine Coolant Temperature	1	9788	9788

Active Diagnostic Codes - C6.6 M316D (C6E02151)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - C6.6 M316D (C6E02151)

Code	Description
No Active Event Codes	

Current Totals - C6.6 M316D (C6E02151)

Description	Value	Unit
Total Operating Hours	9790	hours
Total Fuel	130642	L
Total Idle Time	4428:15	hours
Total Idle Fuel	14431	L
Percentage Idle Time	45,23	%
Average Fuel Rate	13,35	L/h

Configuration - C6.6 M316D (C6E02151)

Description	Value	Unit
Equipment ID	W6A00421	
Engine Serial Number	C6E02151	
ECM Part Number	2863683-00	
ECM Serial Number	05876127MB	
Software Group Part Number	3063995-00	
Software Group Release Date	2006	
Software Group Description	WEX D Series	
Low Idle Speed	950	rpm
Low System Battery Voltage Elevated Idle	Enabled	
Hydraulic Cooling Fan Map	Standard	
Engine Fan Reversing Feature	Disabled	
Engine Fan Reverse Operation Mode	Automatic	
Engine Fan Reverse Operation Interval	20	min
FLS	89	
FTS	-94	
Total Tattletale	11609	

Event Triggered:Time vs Engine Coolant Temperature - C6.6 M316D (C6E02151)

Engine Coolant Temperature(Deg C)	hours	%
<50,0	335,15	2,60
50,0-54,9	144,75	1,12
55,0-59,9	160,25	1,24
60,0-64,9	190,45	1,48
65,0-69,9	242,30	1,88
70,0-74,9	493,35	3,82
75,0-79,9	5491,75	42,55
80,0-84,9	4276,55	33,13
85,0-89,9	1507,20	11,68
90,0-94,9	65,40	0,51
95,0-99,9	0,00	0,00
100,0-104,9	0,00	0,00
105,0-109,9	0,00	0,00
110,0-114,9	0,00	0,00
115,0-120,0	0,00	0,00
>120,0	0,15	0,00

Event Triggered:Time vs Inlet Air Temperature - C6.6 M316D (C6E02151)

Inlet Air Temperature(Deg C)	hours	%
<40,0	79,85	82,49
40,0-44,9	11,60	11,98
45,0-49,9	3,35	3,46
50,0-54,9	1,70	1,76
55,0-59,9	0,30	0,31
60,0-64,9	0,00	0,00
65,0-69,9	0,00	0,00

70,0-74,9	0,00	0,00
75,0-79,9	0,00	0,00
80,0-84,9	0,00	0,00
85,0-89,9	0,00	0,00
90,0-94,9	0,00	0,00
95,0-100,0	0,00	0,00
>100,0	0,00	0,00

Event Triggered:Time vs Intake Manifold Pressure - C6.6 M316D (C6E02151)

Intake Manifold Pressure(kPa)	hours	%
<80,0	55,85	57,76
80,0-89,9	18,35	18,98
90,0-99,9	12,75	13,19
100,0-109,9	4,55	4,71
110,0-119,9	3,85	3,98
120,0-129,9	1,15	1,19
130,0-139,9	0,15	0,16
140,0-149,9	0,05	0,05
150,0-159,9	0,00	0,00
160,0-169,9	0,00	0,00
170,0-179,9	0,00	0,00
180,0-189,9	0,00	0,00
190,0-200,0	0,00	0,00
>200,0	0,00	0,00

Event Triggered:Time vs Engine Speed And Engine Load Factor - C6.6 M316D (C6E02151)

rpm	<1000	1000-1199	1200-1399	1400-1599	1600-1799	1800-1999	2000-2199	2200-2400	>2400
%									
<50	2513,15	761,00	2210,20	2502,00	630,50	229,05	80,65	0,00	0,00
50-59	1,10	38,60	461,55	424,75	99,75	56,50	23,10	0,00	0,00
60-69	0,80	23,90	134,50	165,10	143,50	44,90	26,10	0,00	0,00
70-79	0,75	24,60	108,35	151,10	79,30	33,25	23,60	0,00	0,00
80-90	0,70	18,10	50,35	68,45	86,30	13,85	16,05	0,00	0,00
>90	1,85	11,75	18,80	15,95	11,90	24,50	32,55	0,00	0,00
Total	2518,35	877,95	2983,75	3327,35	1051,25	402,05	202,05	0,00	0,00

Event Triggered:Time vs Engine Speed And Engine Load Factor - C6.6 M316D (C6E02151)

rpm	Total
%	
<50	8926,55
50-59	1105,35
60-69	538,80
70-79	420,95
80-90	253,80
>90	117,30
Total	11362,75

Event Triggered:Total Occurrences vs Engine Speed - C6.6 M316D (C6E02151)

Engine Speed(rpm)		%
<2600,0	0,00	0,00
2600,0-2699,9	0,00	0,00
2700,0-2799,9	0,00	0,00
2800,0-2899,9	0,00	0,00
2900,0-2999,9	0,00	0,00
3000,0-3099,9	0,00	0,00
3100,0-3199,9	0,00	0,00
3200,0-3299,9	0,00	0,00
3300,0-3400,0	0,00	0,00
>3400,0	0,00	0,00

Injector Trim Calibration - C6.6 M316D (C6E02151)

Injector	Serial Number	File Version
Injector1	00000000S2L131391855	1
Injector2	00000000S2L131391576	1
Injector3	00000000S2L13139225C	1
Injector4	00000000S2L131394430	1
Injector5	00000000S2L131394325	1
Injector6	00000000S2L131391778	1

Monitoring System - C6.6 M316D (C6E02151)

Description	State	Trip Point	Delay Time
Engine Overspeed			
Least Severe (1)	Always On	3000 rpm	0 sec
High Engine Coolant Temperature			
Least Severe (1)	Always On	113 Deg C	10 sec
Moderate Severity (2)	Always On	114 Deg C	10 sec
Most Severe (3)	Always On	118 Deg C	10 sec
High Engine Inlet Air Temperature			
Least Severe (1)	Always On	82,0 Deg C	8 sec
Moderate Severity (2)	Always On	86,0 Deg C	8 sec
Low Engine Oil Pressure			
Least Severe (1)	Always On	None	8 sec
Moderate Severity (2)	Always On	None	8 sec
Most Severe (3)	Always On	None	4 sec

Soft-Switch Panel

Parameter	Value
ECM Part Number	2526696-01
Software Group Part Number	2785286-00
Software Group Release Date	JUL2005
Software Group Description	WEX Soft Switch Panel