

Cat Electronic Technician 2018A v1.0

Product Status Report

06.12.2018 13:15

Product Status Report

Parameter	Value
Product ID	CAT00000
Equipment ID	LKY00388
Comments	

Monitor

Parameter	Value
ECM Serial Number	08YJ0859AJ
Personality Module Part Number	3277486-00

VIMS Main Module (CAT00000)

Parameter	Value
Machine Serial Number	CAT00000
Product ID	CAT00000
Equipment ID	LKY00388
ECM Part Number	3402413-04
ECM Serial Number	03039047RN
Software Group Part Number	3809732-00
Software Group Release Date	JUL11
Software Group Description	PLGSM 2011_Q1_PROD_3.1
Application Software Part Number	Unavailable
Telematic Device Software Group Part Number	3825982-00
Telematic Device Software Group Release Date	JAN2011
Telematic Device Software Group Description	PROD_REL-3.3.0

Logged Diagnostic Codes [Diagnostic Clock = 12984,9604 hours] - VIMS Main Module (CAT00000)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 12984,9604 hours] - VIMS Main Module (CAT00000)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - VIMS Main Module (CAT00000)

Code	Description
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No Active Diagnostic Codes	
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Active Event Codes - VIMS Main Module (CAT00000)

Code	Description
No Active Event Codes	

Current Totals - VIMS Main Module (CAT00000)

Description	Value	Unit
Total Operating Hours	12985	hours

Configuration - VIMS Main Module (CAT00000)

Description	Value	Unit
Data Acquisition System Installation Status	Unavailable	
Data Acquisition System Temporary Installation Status	Unavailable	
Data Acquisition System Customer Enable Status	Unavailable	
Data Acquisition System Temporary Installation Time Remaining	Unavailable	min
Customer Password #1	*****	
Customer Password #2	*****	
Product ID	CAT00000	
Equipment ID	LKY00388	
External Service Lamp Installation Configuration	Unavailable	
External Service Lamp Display Mode Setting	Unavailable	
Telemetry Port Selection	Unavailable	
TMAC Protocol Port Selection	Unavailable	
Ethernet Media Access Control (MAC) Address	00:0A:75:02:F5:41	
Internet Protocol Host Name	VIMS3G	
Internet Protocol (IPv4) Address	165.26.79.218	
Internet Protocol (IPv4) Network Mask	255.255.255.252	
Network Default Gateway Internet Protocol (IPv4) Address	165.26.79.216	
Web Server Administrator Password	admin	
Dynamic Host Configuration Protocol (DHCP) Enable Status	Disabled	
Maintenance Mode	Off	
Machine Serial Number	CAT00000	

Machine Control 345D (LKY00388)

Parameter	Value
Product ID	LKY00388
ECM Part Number	2218874-07
ECM Serial Number	S1408700EM
Software Group Part Number	4353546-00

Software Group Release Date	SEP2013
Software Group Description	345D HEX CONTROL
Active Diagnostic Codes Present	No

Logged Diagnostic Codes [Diagnostic Clock = 12999 hours] - Machine Control 345D (LKY00388)

Code	Description	Occ.	First	Last
96- 4	Fuel Level Sensor : Voltage Below Normal	138	12590	12965

Logged Event Codes [Diagnostic Clock = 12999 hours] - Machine Control 345D (LKY00388)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Machine Control 345D (LKY00388)

Code	Description
No Active Diagnostic Codes	

Current Totals - Machine Control 345D (LKY00388)

Description	Value	Unit
Total Operating Hours	12999	hours
Engine Maintenance Hours	12996	hours
Engine Oil Hours	410	hours
Engine Oil Filter Hours	410	hours
Engine Coolant Hours	1132	hours
Fuel/ Water Separator Hours	410	hours
Fuel Filter Hours	0	hours
Hydraulic Pump Hours	12996	hours
Hydraulic Pilot Oil Filter Hours	1132	hours
Hydraulic Case Drain Oil Filter Hours	1132	hours
Return Hydraulic Oil Filter Hours	1132	hours
Attachment Hydraulic Oil Filter Hours	0	hours
Hydraulic Oil Hours	1132	hours
Final Drive Oil Hours	1132	hours
Swing Drive Oil Hours	1132	hours
Travel Motor Hours	528	hours
Tool #1 Hours	0	hours
Tool #2 Hours	0	hours
Tool #3 Hours	0	hours
Tool #4 Hours	0	hours
Tool #5 Hours	0	hours
Tool #6 Hours	0	hours
Tool #7 Hours	0	hours
Tool #8 Hours	0	hours
Tool #9 Hours	0	hours
Tool #10 Hours	0	hours

Return Hydraulic Oil Filter Bypass Hours	14,4	hours
Return Hydraulic Oil Filter Bypass at Cold Temperature Hours	14,3	hours
Hours of Operation at High Hydraulic Pressure	972,5	hours
Hours of Operation at Relief Hydraulic Pressure	110,3	hours

Configuration - Machine Control 345D (LKY00388)

Description	Value	Unit
Product ID	LKY00388	
Main Pump Initial Maximum Working Torque Percentage Configuration	48,0	%
Hydraulic Power Mode	High	
Power Management Mode Engine Speed Limit Configuration	Low Speed	
Fuel Economy Mode Enable Status	Enabled	
Economy Mode	Off	
Monitoring System Configuration Code	Unavailable	
Implement Pump Configuration Code	Unavailable	
Travel Alarm Installation Status	Not Installed	
Water Separator Level Switch Configuration	Normally Closed (to Ground)	
Fuel Filter Differential Pressure Switch Config	Normally Open	
Secondary Fuel Filter Differential Pressure Switch Config	Not Installed	
Attachment Hydraulic Oil Filter Switch Configuration	Not Installed	
Machine Overload Pressure Sensor Installation	Installed	
Machine Overload Pressure Threshold	20424	kPa
Engine Fan Reversing Feature Installation Status	Not Installed	
Engine Fan Reverse Operation Time	Disabled or Not Installed	sec
Heavy Lift System Installation Status	Installed	
Engine Cooling Fan Map	High Ambient Temperature + Low Noise	
Boom Low Pressure Relief System Installation Status	Not Installed	
Quick Coupler Installation Status	Unavailable	
Quick Coupler Constant Engagement Pressure System Installation Status	Unavailable	
Machine Application Configuration	EAME Multi-Proc	
Main Pump Flow Limitation Pressure Solenoid Installation Status	Installed	
Attachment Valve #1 Configuration	F2 - One Way or Two Way	
Attachment Valve #3 Configuration	Attachment Pump Valve - Two Way	
Attachment Valve #4 Configuration	Not Installed	

Attachment Valve #1 Control Type Configuration	Electrical	
Attachment Valve #3 Control Type Configuration	Electrical	
Attachment Valve #4 Control Type Configuration	Disabled or Not Installed	
Auxiliary Circuit Flow Combining Solenoid Installation Status	Installed	
Variable Relief Valve #1 Configuration	Installed on Valve #1 Extend port	
Variable Relief Valve #2 Configuration	Installed on Valve #1 Retract port	
F2 Type Valve Load Sense Pres Sensor Installation	Not Installed	
Left Attachment Pedal Installation Status	Not Installed	
Foot Switch Installation Status	Not Installed	
Joystick Handle Configuration	Modulation Handle	
Left Joystick Switch #1 Control Mode	No valve controlled	
Left Joystick Switch #2 Control Mode	No valve controlled	
Left Joystick Switch #4 Control Mode	Disabled or Not Installed	
Right Joystick Switch #1 Control Mode	Momentary - Valve #1 Extend	
Right Joystick Switch #2 Control Mode	No valve controlled	
Right Joystick Switch #4 Control Mode	Disabled or Not Installed	
Foot Switch Control Mode	Disabled or Not Installed	
Left Joystick Thumbwheel Control Mode	Attachment Valve #3	
Right Joystick Thumbwheel Control Mode	Attachment Valve #1	
Left Attachment Pedal Control Mode	Disabled or Not Installed	
Travel Speed Shift Low Delay	0,4	sec
Travel Speed Shift High Delay	0,4	sec
Travel Speed Shift Low Pres	18000	kPa
Travel Speed Shift High Pressure	32000	kPa
One Touch Engine Speed Setting	1100	rpm
AESC Setting	1300	rpm
AESC Delay Time	5,0	sec
Throttle Dial Position 1 Engine Speed	1000	rpm
Throttle Dial Position 2 Engine Speed	1100	rpm
Throttle Dial Position 3 Engine Speed	1200	rpm
Throttle Dial Position 4 Engine Speed	1300	rpm
Throttle Dial Position 5 Engine Speed	1470	rpm
Throttle Dial Position 6 Engine Speed	1590	rpm
Throttle Dial Position 7 Engine Speed	1700	rpm
Throttle Dial Position 8 Engine Speed	1800	rpm
Throttle Dial Position 9 Engine Speed	1900	rpm
Throttle Dial Position 10 Engine Speed	1980	rpm
Throttle Dial Position 1 Hydraulic System Torque Percentage	25,0	%
Throttle Dial Position 2 Hydraulic System Torque Percentage	40,0	%
Throttle Dial Position 3 Hydraulic System Torque Percentage	61,0	%
Throttle Dial Position 4 Hydraulic System Torque Percentage	69,0	%

Throttle Dial Position 5 Hydraulic System Torque Percentage	78,0	%
Throttle Dial Position 6 Hydraulic System Torque Percentage	84,0	%
Throttle Dial Position 7 Hydraulic System Torque Percentage	84,0	%
Throttle Dial Position 8 Hydraulic System Torque Percentage	84,0	%
Throttle Dial Position 9 Hydraulic System Torque Percentage	92,0	%
Throttle Dial Position 10 Hydraulic System Torque Percentage	100,0	%
Engine Oil Recommended Maintenance Interval	500	hours
Engine Oil Filter Recommended Maintenance Interval	500	hours
Engine Coolant Recommended Maintenance Interval	12000	hours
Fuel/ Water Separator Recommended Maint Interval	500	hours
Fuel Filter Recommended Maintenance Interval	0	hours
Hydraulic Pilot Oil Filter Recommended Maintenance Interval	1000	hours
Hydraulic Case Drain Oil Filter Recommended MI	1000	hours
Return Hyd Oil Filter Recommended Maint Interval	2000	hours
Attachment Hydraulic Oil Filter Recommended Maintenance Interval	0	hours
Final Drive Oil Recommended Maintenance Interval	2000	hours
Hydraulic Oil Recommended Maintenance Interval	6000	hours
Swing Drive Oil Recommended Maintenance Interval	1000	hours
Advanced Machine Security System Installation Status	Not Installed	
Sunday Security System Bypass Start Time	Disabled or Not Installed	
Sunday Security System Bypass Stop Time	Disabled or Not Installed	
Monday Security System Bypass Start Time	Disabled or Not Installed	
Monday Security System Bypass Stop Time	Disabled or Not Installed	
Tuesday Security System Bypass Start Time	Disabled or Not Installed	
Tuesday Security System Bypass Stop Time	Disabled or Not Installed	
Wednesday Security System Bypass Start Time	Disabled or Not Installed	
Wednesday Security System Bypass Stop Time	Disabled or Not Installed	

Thursday Security System Bypass Start Time	Disabled or Not Installed	
Thursday Security System Bypass Stop Time	Disabled or Not Installed	
Friday Security System Bypass Start Time	Disabled or Not Installed	
Friday Security System Bypass Stop Time	Disabled or Not Installed	
Saturday Security System Bypass Start Time	Disabled or Not Installed	
Saturday Security System Bypass Stop Time	Disabled or Not Installed	

Calibration Status - Machine Control 345D (LKY00388)

Calibration	Status	Last Successful Completion
PRV - Variable Relief Pressure Calibration Solenoid 2	Success	1,0 hours
PRV - Variable Relief Pressure Calibration Solenoid 1	Success	1,0 hours
Stick Cylinder Retract Pilot Pressure Limit Solenoid Cal	Not Calibrated	Never Successfully Calibrated
Boom Cylinder Extend Pilot Pressure Limit Solenoid Cal	Not Calibrated	Never Successfully Calibrated
PRV - Power Shift Pressure Calibration	Success	0,5 hours
PRV - Main Pump Flow Limit Calibration - Flow Meter Method	Success	0,9 hours
PRV - Pressure Gauge	Not Calibrated	Never Successfully Calibrated
PRV - Attachment Valve #1 Flow Limit	Success	1,0 hours
Right Attachment Pedal Calibration	Not Calibrated	Never Successfully Calibrated
Left Attachment Pedal Calibration	Not Calibrated	Never Successfully Calibrated
Right Joystick Thumbwheel Calibration	Not Calibrated	Never Successfully Calibrated
Left Joystick Thumbwheel Calibration	Not Calibrated	Never Successfully Calibrated
Engine Speed Calibration	Success	8915,8 hours
Engine Cooling Fan Calibration	Success	8915,8 hours
Attachment Valve #4 Retract	Not Calibrated	Never Successfully Calibrated
Attachment Valve #4 Extend	Not Calibrated	Never Successfully Calibrated
Attachment Valve #3 Retract	Success	0,8 hours
Attachment Valve #3 Extend	Success	0,8 hours
Attachment Valve #2 Retract	Failed	Never Successfully Calibrated
Attachment Valve #2 Extend	Failed	Never Successfully Calibrated
Attachment Valve #1 Retract	Success	0,8 hours
Attachment Valve #1 Extend	Success	0,8 hours
PRV - Combined Attachment Valve Flow Limit	Failed	Never Successfully Calibrated

Tool Configuration - Machine Control 345D (LKY00388)

Description	Value	Unit
Tool Program Name	H130S	

Maximum Throttle Dial	10	
Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Implement Priority Flow Mode Enable Status	Enabled	
Hydraulic Temperature High Warning Event Threshold	80,0	Deg C
Two Pump Flow Combine Enable	Disabled	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	5	%
Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	50	%
One Way/ Two Way Valve Mode	One Way	
Variable Relief Valve #1 Pressure	21000	kPa
Variable Relief Valve #2 Pressure	0	kPa
F2 Type Valve Max Flow Derate Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate Start Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate End Pressure	Disabled or Not Installed	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	4000	kPa
Attachment Valve #1 Flow Setting	190	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Valve #1 Nominal Pressure	16000	kPa
Attachment Valve #1 Maximum Extend Pressure	4000	kPa
Attachment Valve #1 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Open Time	0,20	sec
Attachment Valve #1 Close Time	0,20	sec
Attachment Valve #1 Tool Flow Direction	Disabled or Not Installed	
Attachment Valve #3 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #3 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #3 Nominal Pressure	Disabled or Not Installed	kPa

Attachment Valve #3 Maximum Extend Pressure	1400	kPa
Attachment Valve #3 Maximum Retract Pressure	1400	kPa
Attachment Valve #3 Open Time	0,20	sec
Attachment Valve #3 Close Time	0,20	sec
Attachment Valve #3 Tool Flow Direction	Normal	
Attachment Valve #4 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #4 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #4 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Open Time	Disabled or Not Installed	sec
Attachment Valve #4 Close Time	Disabled or Not Installed	sec
Attachment Valve #4 Tool Flow Direction	Disabled or Not Installed	

Tool Configuration - Machine Control 345D (LKY00388)

Description	Value	Unit
Tool Program Name	H140DS	
Maximum Throttle Dial	10	
Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Implement Priority Flow Mode Enable Status	Enabled	
Hydraulic Temperature High Warning Event Threshold	80,0	Deg C
Two Pump Flow Combine Enable	Enabled	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	5	%
Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	50	%
One Way/ Two Way Valve Mode	One Way	
Variable Relief Valve #1 Pressure	21000	kPa
Variable Relief Valve #2 Pressure	0	kPa
F2 Type Valve Max Flow Derate Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate Start Pressure	Disabled or Not Installed	kPa

F2 Type Valve Flow Derate End Pressure	Disabled or Not Installed	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	4000	kPa
Attachment Valve #1 Flow Setting	200	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Valve #1 Nominal Pressure	16000	kPa
Attachment Valve #1 Maximum Extend Pressure	4000	kPa
Attachment Valve #1 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Open Time	0,20	sec
Attachment Valve #1 Close Time	0,20	sec
Attachment Valve #1 Tool Flow Direction	Disabled or Not Installed	
Attachment Valve #3 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #3 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #3 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #3 Maximum Extend Pressure	1400	kPa
Attachment Valve #3 Maximum Retract Pressure	1400	kPa
Attachment Valve #3 Open Time	0,20	sec
Attachment Valve #3 Close Time	0,20	sec
Attachment Valve #3 Tool Flow Direction	Normal	
Attachment Valve #4 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #4 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #4 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Open Time	Disabled or Not Installed	sec
Attachment Valve #4 Close Time	Disabled or Not Installed	sec
Attachment Valve #4 Tool Flow Direction	Disabled or Not Installed	

Tool Configuration - Machine Control 345D (LKY00388)

Description	Value	Unit
Tool Program Name	H160DS	
Maximum Throttle Dial	10	
Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Implement Priority Flow Mode Enable Status	Enabled	
Hydraulic Temperature High Warning Event Threshold	80,0	Deg C
Two Pump Flow Combine Enable	Enabled	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	5	%
Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	50	%
One Way/ Two Way Valve Mode	One Way	
Variable Relief Valve #1 Pressure	21000	kPa
Variable Relief Valve #2 Pressure	0	kPa
F2 Type Valve Max Flow Derate Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate Start Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate End Pressure	Disabled or Not Installed	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	4000	kPa
Attachment Valve #1 Flow Setting	261	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Valve #1 Nominal Pressure	16000	kPa
Attachment Valve #1 Maximum Extend Pressure	4000	kPa
Attachment Valve #1 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Open Time	0,20	sec
Attachment Valve #1 Close Time	0,20	sec
Attachment Valve #1 Tool Flow Direction	Disabled or Not Installed	
Attachment Valve #3 Flow Setting	Disabled or Not Installed	L/min

Attachment Valve #3 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #3 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #3 Maximum Extend Pressure	1400	kPa
Attachment Valve #3 Maximum Retract Pressure	1400	kPa
Attachment Valve #3 Open Time	0,20	sec
Attachment Valve #3 Close Time	0,20	sec
Attachment Valve #3 Tool Flow Direction	Normal	
Attachment Valve #4 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #4 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #4 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Open Time	Disabled or Not Installed	sec
Attachment Valve #4 Close Time	Disabled or Not Installed	sec
Attachment Valve #4 Tool Flow Direction	Disabled or Not Installed	

Tool Configuration - Machine Control 345D (LKY00388)

Description	Value	Unit
Tool Program Name	MP30	
Maximum Throttle Dial	10	
Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Implement Priority Flow Mode Enable Status	Enabled	
Hydraulic Temperature High Warning Event Threshold	100,0	Deg C
Two Pump Flow Combine Enable	Enabled	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	5	%
Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	50	%
One Way/ Two Way Valve Mode	Two Way	
Variable Relief Valve #1 Pressure	40000	kPa
Variable Relief Valve #2 Pressure	40000	kPa

F2 Type Valve Max Flow Derate Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate Start Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate End Pressure	Disabled or Not Installed	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	4000	kPa
Attachment Valve #1 Flow Setting	300	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Valve #1 Nominal Pressure	16000	kPa
Attachment Valve #1 Maximum Extend Pressure	4000	kPa
Attachment Valve #1 Maximum Retract Pressure	4000	kPa
Attachment Valve #1 Open Time	0,20	sec
Attachment Valve #1 Close Time	0,20	sec
Attachment Valve #1 Tool Flow Direction	Normal	
Attachment Valve #3 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #3 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #3 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #3 Maximum Extend Pressure	1400	kPa
Attachment Valve #3 Maximum Retract Pressure	1400	kPa
Attachment Valve #3 Open Time	0,20	sec
Attachment Valve #3 Close Time	0,20	sec
Attachment Valve #3 Tool Flow Direction	Normal	
Attachment Valve #4 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #4 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #4 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Open Time	Disabled or Not Installed	sec

Attachment Valve #4 Close Time	Disabled or Not Installed	sec
Attachment Valve #4 Tool Flow Direction	Disabled or Not Installed	

Tool Configuration - Machine Control 345D (LKY00388)

Description	Value	Unit
Tool Program Name	S340	
Maximum Throttle Dial	10	
Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Implement Priority Flow Mode Enable Status	Enabled	
Hydraulic Temperature High Warning Event Threshold	100,0	Deg C
Two Pump Flow Combine Enable	Enabled	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	5	%
Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	50	%
One Way/ Two Way Valve Mode	Two Way	
Variable Relief Valve #1 Pressure	40000	kPa
Variable Relief Valve #2 Pressure	40000	kPa
F2 Type Valve Max Flow Derate Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate Start Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate End Pressure	Disabled or Not Installed	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	4000	kPa
Attachment Valve #1 Flow Setting	300	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Valve #1 Nominal Pressure	16000	kPa
Attachment Valve #1 Maximum Extend Pressure	4000	kPa
Attachment Valve #1 Maximum Retract Pressure	4000	kPa
Attachment Valve #1 Open Time	0,20	sec
Attachment Valve #1 Close Time	0,20	sec

Attachment Valve #1 Tool Flow Direction	Normal	
Attachment Valve #3 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #3 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #3 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #3 Maximum Extend Pressure	1400	kPa
Attachment Valve #3 Maximum Retract Pressure	1400	kPa
Attachment Valve #3 Open Time	0,20	sec
Attachment Valve #3 Close Time	0,20	sec
Attachment Valve #3 Tool Flow Direction	Normal	
Attachment Valve #4 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #4 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #4 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Open Time	Disabled or Not Installed	sec
Attachment Valve #4 Close Time	Disabled or Not Installed	sec
Attachment Valve #4 Tool Flow Direction	Disabled or Not Installed	

Tool Configuration - Machine Control 345D (LKY00388)

Description	Value	Unit
Tool Program Name	S365B	
Maximum Throttle Dial	10	
Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Implement Priority Flow Mode Enable Status	Enabled	
Hydraulic Temperature High Warning Event Threshold	100,0	Deg C
Two Pump Flow Combine Enable	Enabled	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	5	%
Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	50	%
One Way/ Two Way Valve Mode	Two Way	

Variable Relief Valve #1 Pressure	40000	kPa
Variable Relief Valve #2 Pressure	40000	kPa
F2 Type Valve Max Flow Derate Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate Start Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate End Pressure	Disabled or Not Installed	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	4000	kPa
Attachment Valve #1 Flow Setting	530	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Valve #1 Nominal Pressure	16000	kPa
Attachment Valve #1 Maximum Extend Pressure	4000	kPa
Attachment Valve #1 Maximum Retract Pressure	4000	kPa
Attachment Valve #1 Open Time	0,20	sec
Attachment Valve #1 Close Time	0,20	sec
Attachment Valve #1 Tool Flow Direction	Normal	
Attachment Valve #3 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #3 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #3 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #3 Maximum Extend Pressure	1400	kPa
Attachment Valve #3 Maximum Retract Pressure	1400	kPa
Attachment Valve #3 Open Time	0,20	sec
Attachment Valve #3 Close Time	0,20	sec
Attachment Valve #3 Tool Flow Direction	Normal	
Attachment Valve #4 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #4 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #4 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Extend Pressure	Disabled or Not Installed	kPa

Attachment Valve #4 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Open Time	Disabled or Not Installed	sec
Attachment Valve #4 Close Time	Disabled or Not Installed	sec
Attachment Valve #4 Tool Flow Direction	Disabled or Not Installed	

Tool Configuration - Machine Control 345D (LKY00388)

Description	Value	Unit
Tool Program Name	G330	
Maximum Throttle Dial	10	
Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Implement Priority Flow Mode Enable Status	Enabled	
Hydraulic Temperature High Warning Event Threshold	100,0	Deg C
Two Pump Flow Combine Enable	Disabled	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	5	%
Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	50	%
One Way/ Two Way Valve Mode	Two Way	
Variable Relief Valve #1 Pressure	40000	kPa
Variable Relief Valve #2 Pressure	40000	kPa
F2 Type Valve Max Flow Derate Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate Start Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate End Pressure	Disabled or Not Installed	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	4000	kPa
Attachment Valve #1 Flow Setting	100	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Valve #1 Nominal Pressure	16000	kPa
Attachment Valve #1 Maximum Extend Pressure	4000	kPa
Attachment Valve #1 Maximum Retract Pressure	4000	kPa

Attachment Valve #1 Open Time	0,20	sec
Attachment Valve #1 Close Time	0,20	sec
Attachment Valve #1 Tool Flow Direction	Normal	
Attachment Valve #3 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #3 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #3 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #3 Maximum Extend Pressure	1400	kPa
Attachment Valve #3 Maximum Retract Pressure	1400	kPa
Attachment Valve #3 Open Time	0,20	sec
Attachment Valve #3 Close Time	0,20	sec
Attachment Valve #3 Tool Flow Direction	Normal	
Attachment Valve #4 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #4 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #4 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Open Time	Disabled or Not Installed	sec
Attachment Valve #4 Close Time	Disabled or Not Installed	sec
Attachment Valve #4 Tool Flow Direction	Disabled or Not Installed	

Tool Configuration - Machine Control 345D (LKY00388)

Description	Value	Unit
Tool Program Name	DCT Bucket	
Maximum Throttle Dial	10	
Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Implement Priority Flow Mode Enable Status	Enabled	
Hydraulic Temperature High Warning Event Threshold	100,0	Deg C
Two Pump Flow Combine Enable	Disabled	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	5	%

Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	50	%
One Way/ Two Way Valve Mode	Two Way	
Variable Relief Valve #1 Pressure	40000	kPa
Variable Relief Valve #2 Pressure	40000	kPa
F2 Type Valve Max Flow Derate Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate Start Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate End Pressure	Disabled or Not Installed	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	4000	kPa
Attachment Valve #1 Flow Setting	50	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Valve #1 Nominal Pressure	16000	kPa
Attachment Valve #1 Maximum Extend Pressure	4000	kPa
Attachment Valve #1 Maximum Retract Pressure	4000	kPa
Attachment Valve #1 Open Time	0,20	sec
Attachment Valve #1 Close Time	0,20	sec
Attachment Valve #1 Tool Flow Direction	Normal	
Attachment Valve #3 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #3 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #3 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #3 Maximum Extend Pressure	1400	kPa
Attachment Valve #3 Maximum Retract Pressure	1400	kPa
Attachment Valve #3 Open Time	0,20	sec
Attachment Valve #3 Close Time	0,20	sec
Attachment Valve #3 Tool Flow Direction	Normal	
Attachment Valve #4 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #4 Multi-Operation Additional Flow	Disabled or Not Installed	L/min

Valve #4 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Open Time	Disabled or Not Installed	sec
Attachment Valve #4 Close Time	Disabled or Not Installed	sec
Attachment Valve #4 Tool Flow Direction	Disabled or Not Installed	

Tool Configuration - Machine Control 345D (LKY00388)

Description	Value	Unit
Tool Program Name	0	
Maximum Throttle Dial	10	
Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Implement Priority Flow Mode Enable Status	Enabled	
Hydraulic Temperature High Warning Event Threshold	126,0	Deg C
Two Pump Flow Combine Enable	Disabled	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	5	%
Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	50	%
One Way/ Two Way Valve Mode	Two Way	
Variable Relief Valve #1 Pressure	40000	kPa
Variable Relief Valve #2 Pressure	40000	kPa
F2 Type Valve Max Flow Derate Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate Start Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate End Pressure	Disabled or Not Installed	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	4000	kPa
Attachment Valve #1 Flow Setting	0	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Valve #1 Nominal Pressure	40000	kPa

Attachment Valve #1 Maximum Extend Pressure	4000	kPa
Attachment Valve #1 Maximum Retract Pressure	4000	kPa
Attachment Valve #1 Open Time	0,20	sec
Attachment Valve #1 Close Time	0,20	sec
Attachment Valve #1 Tool Flow Direction	Normal	
Attachment Valve #3 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #3 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #3 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #3 Maximum Extend Pressure	1400	kPa
Attachment Valve #3 Maximum Retract Pressure	1400	kPa
Attachment Valve #3 Open Time	0,20	sec
Attachment Valve #3 Close Time	0,20	sec
Attachment Valve #3 Tool Flow Direction	Normal	
Attachment Valve #4 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #4 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #4 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Open Time	Disabled or Not Installed	sec
Attachment Valve #4 Close Time	Disabled or Not Installed	sec
Attachment Valve #4 Tool Flow Direction	Disabled or Not Installed	

Tool Configuration - Machine Control 345D (LKY00388)

Description	Value	Unit
Tool Program Name	0	
Maximum Throttle Dial	10	
Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Implement Priority Flow Mode Enable Status	Enabled	
Hydraulic Temperature High Warning Event Threshold	126,0	Deg C
Two Pump Flow Combine Enable	Disabled	

Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	5	%
Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	50	%
One Way/ Two Way Valve Mode	Two Way	
Variable Relief Valve #1 Pressure	40000	kPa
Variable Relief Valve #2 Pressure	40000	kPa
F2 Type Valve Max Flow Derate Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate Start Pressure	Disabled or Not Installed	kPa
F2 Type Valve Flow Derate End Pressure	Disabled or Not Installed	kPa
Multiple Operation Maximum Extend Pilot Pressure for Attachment Valve #1	4000	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	4000	kPa
Attachment Valve #1 Flow Setting	0	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Valve #1 Nominal Pressure	40000	kPa
Attachment Valve #1 Maximum Extend Pressure	4000	kPa
Attachment Valve #1 Maximum Retract Pressure	4000	kPa
Attachment Valve #1 Open Time	0,20	sec
Attachment Valve #1 Close Time	0,20	sec
Attachment Valve #1 Tool Flow Direction	Normal	
Attachment Valve #3 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #3 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #3 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #3 Maximum Extend Pressure	1400	kPa
Attachment Valve #3 Maximum Retract Pressure	1400	kPa
Attachment Valve #3 Open Time	0,20	sec
Attachment Valve #3 Close Time	0,20	sec
Attachment Valve #3 Tool Flow Direction	Normal	

Attachment Valve #4 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #4 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #4 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #4 Open Time	Disabled or Not Installed	sec
Attachment Valve #4 Close Time	Disabled or Not Installed	sec
Attachment Valve #4 Tool Flow Direction	Disabled or Not Installed	

C13 345C (MHX11285)

Parameter	Value
Equipment ID	LKY00388
Engine Serial Number	MHX11285
ECM Part Number	2622879-01
ECM Serial Number	11206133JM
Personality Module Part Number	4470876-00
Personality Module Release Date	JUL13
Personality Module Description	C13-HEX-345D
Calibration Identification Number	Unavailable

Logged Diagnostic Codes [Diagnostic Clock = 12991,2254 hours] - C13 345C (MHX11285)

Code	Description	Occ.	First	Last
274- 3	Atmospheric Pressure Sensor : Voltage Above Normal	5	12965	12986
91- 8	Throttle Position Sensor : Abnormal Frequency, Pulse Width, or Period	43	12808	12975

Logged Event Codes [Diagnostic Clock = 12991,2254 hours] - C13 345C (MHX11285)

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - C13 345C (MHX11285)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - C13 345C (MHX11285)

Code	Description
No Active Event Codes	

Current Totals - C13 345C (MHX11285)

Description	Value	Unit
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Engine Lifetime Hours	Unavailable	hours
Total Operating Hours	12991	hours
Total Fuel	492404	L
Engine Starts	4592	
Lifetime Total Engine Revolutions	1273729160	rev
Total Idle Time	2558:24	hours
Total Idle Fuel	19002	L
Total Max Fuel	1015504	L
Average Load Factor	47	%
Overall Load Factor	48	%

Configuration - C13 345C (MHX11285)

Description	Value	Unit
Equipment ID	LKY00388	
Engine Serial Number	MHX11285	
ECM Part Number	2622879-01	
ECM Serial Number	11206133JM	
Personality Module Part Number	4470876-00	
Personality Module Release Date	JUL13	
Personality Module Description	C13-HEX-345D	
Rated Power	305 kW at 1800 rpm	
Rated Peak Torque	1755 N-m at 1400 rpm	
Test Spec	0K8246	
Top Engine Speed Range	1980 - 1980 rpm	
Ether Solenoid Configuration	Continuous Flow Solenoid	
FLS	-3	
FTS	6	
Security System Immobilizer Installation Status	Disabled or Not Installed	
Total Tattletale	0	

Injector Trim Calibration - C13 345C (MHX11285)

Injector	Serial Number	File Version
Injector1	000000005E010070248C	0
Injector2	000000005E0100702682	0
Injector3	000000005E010070229E	0
Injector4	000000005E01007040EE	0
Injector5	000000005E01007042E0	0
Injector6	000000005E01007048D6	0