

## Caterpillar Electronic Technician 2011B v1.0 Product Status Report

**13-12-2017 13:34**

### Product Status Report

Parameter	Value
Product ID	CAT00000
Equipment ID	LKY00388
Comments	

### Machine Control 345D

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 = 12993 hours] - Machine Control 345D

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

### Logged Event Codes [Diagnostic Clock = 12993 hours] - Machine Control 345D

Code	Description	Occ.	First	Last
No Logged Events				

### Active Diagnostic Codes - Machine Control 345D

Code	Description
No Active Codes	

### Current Totals - Machine Control 345D

<b>Description</b>	<b>Value</b>	<b>Unit</b>
Total Operating Hours	12994	hours
Engine Maintenance Hours	12991	hours
Engine Oil Hours	404	hours
Engine Oil Filter Hours	404	hours
Engine Coolant Hours	1127	hours
Fuel/ Water Separator Hours	404	hours
Fuel Filter Hours	0	hours
Hydraulic Pump Hours	12991	hours
Hydraulic Pilot Oil Filter Hours	1127	hours
Hydraulic Case Drain Oil Filter Hours	1127	hours
Return Hydraulic Oil Filter Hours	1127	hours
Attachment Hydraulic Oil Filter Hours	0	hours
Hydraulic Oil Hours	1127	hours
Final Drive Oil Hours	1127	hours
Swing Drive Oil Hours	1127	hours
Travel Motor Hours	526	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	972,4	hours
Hours of Operation at Relief Hydraulic Pressure	110,2	hours

### Configuration - Machine Control 345D

<b>Description</b>	<b>Value</b>	<b>Unit</b>
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	

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	
Machine Application Configuration	EAME Multi-Proc	
Main Pump Flow Limitation Pres Sol Installation	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 Power	25,0	%
Throttle Dial Position 2 Hydraulic Power	40,0	%
Throttle Dial Position 3 Hydraulic Power	61,0	%
Throttle Dial Position 4 Hydraulic Power	69,0	%
Throttle Dial Position 5 Hydraulic Power	78,0	%
Throttle Dial Position 6 Hydraulic Power	84,0	%
Throttle Dial Position 7 Hydraulic Power	84,0	%
Throttle Dial Position 8 Hydraulic Power	84,0	%
Throttle Dial Position 9 Hydraulic Power	92,0	%
Throttle Dial Position 10 Hydraulic Power	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 Maint 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

Calibration	Status	Last Successful Completion
Attachment Valve #1 Extend	Success	0,8 hours
Attachment Valve #1 Retract	Success	0,8 hours
Attachment Valve #2 Extend	Failed	Never Successfully Calibrated
Attachment Valve #2 Retract	Failed	Never Successfully Calibrated
Attachment Valve #3 Extend	Success	0,8 hours
Attachment Valve #3 Retract	Success	0,8 hours
Attachment Valve #4 Extend	Never Calibrated	Never Successfully Calibrated
Attachment Valve #4 Retract	Never Calibrated	Never Successfully Calibrated
Engine Cooling Fan Calibration	Success	8915,8 hours
Engine Speed Calibration	Success	8915,8 hours
Left Joystick Thumbwheel Calibration	Never Calibrated	Never Successfully Calibrated
Right Joystick Thumbwheel Calibration	Never Calibrated	Never Successfully Calibrated
Left Attachment Pedal Calibration	Never Calibrated	Never Successfully Calibrated

Right Attachment Pedal Calibration	Never Calibrated	Never Successfully Calibrated
PRV - Attachment Valve #1 Flow Limit	Success	1,0 hours
PRV - Combined Attachment Valve Flow Limit	Failed	Never Successfully Calibrated
PRV - Combined Attachment Valve Flow Limit	Failed	Never Successfully Calibrated
PRV - Pressure Gauge	Never Calibrated	Never Successfully Calibrated
PRV - Main Pump Flow Limit Calibration - Flow Meter Method	Success	0,9 hours
PRV - Power Shift Pressure Calibration	Success	0,5 hours
Boom Cylinder Extend Pilot Pressure Limit Solenoid Cal	Never Calibrated	Never Successfully Calibrated
Stick Cylinder Retract Pilot Pressure Limit Solenoid Cal	Never Calibrated	Never Successfully Calibrated
PRV - Variable Relief Pressure Calibration Solenoid 1	Success	1,0 hours
PRV - Variable Relief Pressure Calibration Solenoid 2	Success	1,0 hours

### Tool Configuration - Machine Control 345D

Description	Value	Unit
<b>Tool Program Name</b>	<b>H130S</b>	
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 Med Pres Circuit Main Pump Power Reduction	5	%
Total Med Pres Circuit Main Pump Power 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-Oper. 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-Oper. 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-Oper. 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

Description	Value	Unit
<b>Tool Program Name</b>	<b>H140DS</b>	
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 Med Pres Circuit Main Pump Power Reduction	5	%
Total Med Pres Circuit Main Pump Power 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-Oper. 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-Oper. 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-Oper. Additional Flow		L/min



	Disabled or Not Installed	
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

Description	Value	Unit
<b>Tool Program Name</b>	<b>H160DS</b>	
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 Med Pres Circuit Main Pump Power Reduction	5	%
Total Med Pres Circuit Main Pump Power 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-Oper. 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-Oper. 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-Oper. 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

Description	Value	Unit
<b>Tool Program Name</b>	<b>MP30</b>	
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 Med Pres Circuit Main Pump Power Reduction	5	%
Total Med Pres Circuit Main Pump Power 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-Oper. 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-Oper. 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-Oper. 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		sec

	Disabled or Not Installed	
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

Description	Value	Unit
<b>Tool Program Name</b>	<b>S340</b>	
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 Med Pres Circuit Main Pump Power Reduction	5	%
Total Med Pres Circuit Main Pump Power 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-Oper. 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-Oper. Additional Flow		L/min

	Disabled or Not Installed	
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-Oper. 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

Description	Value	Unit
<b>Tool Program Name</b>	<b>S365B</b>	
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 Med Pres Circuit Main Pump Power Reduction	5	%
Total Med Pres Circuit Main Pump Power 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-Oper. 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-Oper. 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-Oper. 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**

<b>Description</b>	<b>Value</b>	<b>Unit</b>
<b>Tool Program Name</b>	<b>G330</b>	
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 Med Pres Circuit Main Pump Power Reduction	5	%
Total Med Pres Circuit Main Pump Power 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-Oper. 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-Oper. 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-Oper. 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

Description	Value	Unit
<b>Tool Program Name</b>	<b>DCT Bucket</b>	<b>Active</b>
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 Med Pres Circuit Main Pump Power Reduction	5	%
Total Med Pres Circuit Main Pump Power 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-Oper. 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-Oper. 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-Oper. 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

Description	Value	Unit
<b>Tool Program Name</b>	<b>0</b>	
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 Med Pres Circuit Main Pump Power Reduction	5	%
Total Med Pres Circuit Main Pump Power 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-Oper. 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-Oper. 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-Oper. 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		sec

	Disabled or Not Installed	
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

Description	Value	Unit
<b>Tool Program Name</b>	<b>0</b>	
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 Med Pres Circuit Main Pump Power Reduction	5	%
Total Med Pres Circuit Main Pump Power 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-Oper. 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-Oper. Additional Flow		L/min

	Disabled or Not Installed	
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-Oper. 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)**

<b>Parameter</b>	<b>Value</b>
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

### **Logged Diagnostic Codes [Diagnostic Clock = 12985,7923 hours] - C13 345C (MHX11285)**

<b>Code</b>	<b>Description</b>	<b>Occ.</b>	<b>First</b>	<b>Last</b>
274-3	Atmospheric Pressure Sensor : Voltage Above Normal	3	12965	12985
91- 8		43	12808	12975

Throttle Position Sensor : Abnormal Frequency, Pulse Width, or Period			
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### Logged Event Codes [Diagnostic Clock = 12985,7923 hours] - C13 345C (MHX11285)

Code	Description	Occ.	First	Last
No Logged Events				

### Active Diagnostic Codes - C13 345C (MHX11285)

Code	Description
274- 3	Atmospheric Pressure Sensor : Voltage Above Normal

### Active Event Codes - C13 345C (MHX11285)

Code	Description
No Active Events	

### Current Totals - C13 345C (MHX11285)

Description	Value	Unit
Engine Lifetime Hours	Unavailable	hours
Total Operating Hours	12986	hours
Total Fuel	492315	L
Engine Starts	4542	
Lifetime Total Engine Revolutions	1273322776	rev
Total Idle Time	2555:36	hours
Total Idle Fuel	18980	L
Total Max Fuel	1015080	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	OK8246	
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

### Monitor

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

### VIMS Main Module

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 = 12977,3501 hours] - VIMS Main Module**

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

**Logged Event Codes [Diagnostic Clock = 12977,3501 hours] - VIMS Main Module**

Code	Description	Occ.	First	Last
No Logged Events				

**Active Diagnostic Codes - VIMS Main Module**

Code	Description
No Active Codes	

**Active Event Codes - VIMS Main Module**

Code	Description
No Active Events	

**Current Totals - VIMS Main Module**

Description	Value	Unit
Total Operating Hours	12977	hours

**Configuration - VIMS Main Module**

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	000A7502F541	
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	