

Cat Electronic Technician 2019C v1.0

Product Status Report

6-5-2025 11:31

Product Status Report

Parameter	Value
Product ID	RAS01312
Equipment ID	
Comments	

Monitor

Parameter	Value
ECM Serial Number	084J2351AJ
Personality Module Part Number	3194357-00

Machine Control 330D/336D (RAS01312)

Parameter	Value
Product ID	RAS01312
ECM Part Number	2218874-03
ECM Serial Number	S0402554EM
Software Group Part Number	3277422-00
Software Group Release Date	JUL2008
Software Group Description	330D HEX CONTROL
Active Diagnostic Codes Present	No

Logged Diagnostic Codes [Diagnostic Clock = 8477 hours] - Machine Control 330D/336D (RAS01312)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 8477 hours] - Machine Control 330D/336D (RAS01312)

Code	Description	Occ.	First	Last
E043 (2)	Low System Voltage Warning	2	8377	8392

Active Diagnostic Codes - Machine Control 330D/336D (RAS01312)

Code	Description
No Active Diagnostic Codes	

Current Totals - Machine Control 330D/336D (RAS01312)

Description	Value	Unit
Total Operating Hours	8477	hours

Engine Maintenance Hours	8473	hours
Engine Oil Hours	36	hours
Engine Oil Filter Hours	36	hours
Engine Coolant Hours	507	hours
Fuel/ Water Separator Hours	0	hours
Fuel Filter Hours	36	hours
Hydraulic Pump Hours	8475	hours
Hydraulic Pilot Oil Filter Hours	507	hours
Hydraulic Case Drain Oil Filter Hours	507	hours
Return Hydraulic Oil Filter Hours	507	hours
Attachment Hydraulic Oil Filter Hours	0	hours
Hydraulic Oil Hours	507	hours
Final Drive Oil Hours	507	hours
Swing Drive Oil Hours	507	hours
Travel Motor Hours	185	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	451,0	hours
Return Hydraulic Oil Filter Bypass at Cold Temperature Hours	33,3	hours
Hours of Operation at High Hydraulic Pressure	582,8	hours
Hours of Operation at Relief Hydraulic Pressure	66,6	hours

Configuration - Machine Control 330D/336D (RAS01312)

Description	Value	Unit
Product ID	RAS01312	
Hydraulic Power Mode	Standard	
Fuel Economy Mode Enable Status	Disabled or Not Installed	
Economy Mode	Disabled or Not Installed	
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	
Auto Lube Warning Indicator Enable Switch Configuration	Not Installed	
Machine Overload Pressure Sensor Installation	Not Installed	
Machine Overload Pressure Threshold	Disabled or Not Installed	kPa
Heavy Lift System Installation Status	Installed	
Engine Cooling Fan Map	High Ambient Temperature + Low Noise	
Engine Fan Reversing Feature Installation Status	Not Installed	
Engine Fan Reverse Operation Time	Disabled or Not Installed	sec
Machine Application Configuration	Bucket	
Main Pump Flow Limitation Pressure Solenoid Installation Status	Not Installed	
Attachment Valve #1 Configuration	Not Installed	
Attachment Valve #2 Configuration	Not Installed	
Attachment Valve #3 Configuration	Not Installed	
Attachment Valve #4 Configuration	Not Installed	
Attachment Valve #1 Control Type Configuration	Disabled or Not Installed	
Attachment Valve #2 Control Type Configuration	Disabled or Not Installed	
Attachment Valve #3 Control Type Configuration	Disabled or Not Installed	
Attachment Valve #4 Control Type Configuration	Disabled or Not Installed	
Attachment Valve #1 Combiner Configuration	Not Installed	
Auxiliary Circuit Flow Combining Solenoid Installation Status	Disabled or Not Installed	
Hammer Return to Tank Solenoid Installation Status	Disabled or Not Installed	
Variable Relief Valve Type Configuration	Unavailable	
Variable Relief Valve #1 Configuration	Disabled or Not Installed	
Variable Relief Valve #2 Configuration	Disabled or Not Installed	
F2 Type Valve Load Sense Pres Sensor Installation	Disabled or Not Installed	
Joystick Handle Configuration	Disabled or Not Installed	
Foot Switch Installation Status	Disabled or Not Installed	
Left Attachment Pedal Installation Status	Disabled or Not Installed	
Right Attachment Pedal Installation Status	Disabled or Not Installed	
Left Joystick Switch #1 Control Mode	Disabled or Not Installed	
Left Joystick Switch #2 Control Mode	Disabled or Not Installed	
Left Joystick Switch #4 Control Mode	Disabled or Not Installed	
Right Joystick Switch #1 Control Mode	Disabled or Not Installed	
Right Joystick Switch #2 Control Mode	Disabled or Not Installed	
Right Joystick Switch #4 Control Mode	Disabled or Not Installed	
Foot Switch Control Mode	Disabled or Not Installed	
Left Joystick Thumbwheel Control Mode	Disabled or Not Installed	

Right Joystick Thumbwheel Control Mode	Disabled or Not Installed	
Left Attachment Pedal Control Mode	Disabled or Not Installed	
Right 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	1020	rpm
AESC Setting	1300	rpm
AESC Delay Time	5,0	sec
Throttle Dial Position 1 Engine Speed	800	rpm
Throttle Dial Position 2 Engine Speed	1020	rpm
Throttle Dial Position 3 Engine Speed	1160	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	20,0	%
Throttle Dial Position 2 Hydraulic System Torque Percentage	35,0	%
Throttle Dial Position 3 Hydraulic System Torque Percentage	45,0	%
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	92,0	%
Throttle Dial Position 7 Hydraulic System Torque Percentage	92,0	%
Throttle Dial Position 8 Hydraulic System Torque Percentage	95,0	%
Throttle Dial Position 9 Hydraulic System Torque Percentage	95,0	%
Throttle Dial Position 10 Hydraulic System Torque Percentage	95,0	%
Engine Oil Recommended Maintenance Interval	500	hours
Engine Oil Filter Recommended Maintenance Interval	500	hours
Engine Coolant Recommended Maintenance Interval	3000	hours
Fuel/ Water Separator Recommended Maint Interval	0	hours
Fuel Filter Recommended Maintenance Interval	500	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	2000	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	
Crane System Installation Status	Not Installed	
Undercarriage Length Configuration	Disabled or Not Installed	
Boom Angle Adjustment	Unavailable	Deg
Crane Actual Load Adjustment	Unavailable	kg
Crane Swing Speed Adjustment	Unavailable	%
AccuGrade System Installation Status	Disabled or Not Installed	
Hydraulic Cab Riser Installation Status	Disabled or Not Installed	
Hydraulic Cab Riser Raise Snubbing Angle Gain	Disabled or Not Installed	
Hydraulic Cab Riser Raise Snubbing Rate Gain	Disabled or Not Installed	
Hydraulic Cab Riser Lower Snubbing Angle Gain	Disabled or Not Installed	

Hydraulic Cab Riser Lower Snubbing Rate Gain	Disabled or Not Installed	
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Calibration Status - Machine Control 330D/336D (RAS01312)

Calibration	Status	Last Successful Completion
PRV - Variable Relief Pressure Calibration Solenoid 2	Not Calibrated	Never Successfully Calibrated
PRV - Variable Relief Pressure Calibration Solenoid 1	Not Calibrated	Never Successfully Calibrated
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	7616,5 hours
PRV - Combined Attachment Valve Flow Limit	Not Calibrated	Never Successfully Calibrated
PRV - Attachment Valve #1 Flow Limit	Not Calibrated	Never Successfully Calibrated
PRV - Flow Meter for Two Pump Flow Combined	Not Calibrated	Never Successfully Calibrated
PRV - Pressure Gauge	Not Calibrated	Never Successfully Calibrated
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	8253,1 hours
Engine Cooling Fan Calibration	Success	8253,1 hours
Attachment Valve #4 Retract	Not Calibrated	Never Successfully Calibrated
Attachment Valve #4 Extend	Not Calibrated	Never Successfully Calibrated
Attachment Valve #3 Retract	Not Calibrated	Never Successfully Calibrated
Attachment Valve #3 Extend	Not Calibrated	Never Successfully Calibrated
Attachment Valve #2 Retract	Not Calibrated	Never Successfully Calibrated
Attachment Valve #2 Extend	Not Calibrated	Never Successfully Calibrated
Attachment Valve #1 Retract	Not Calibrated	Never Successfully Calibrated
Attachment Valve #1 Extend	Not Calibrated	Never Successfully Calibrated

Lifetime: Time vs Hydraulic Oil Temperature - Machine Control 330D/336D (RAS01312)

Hydraulic Oil Temperature(Deg C)	hours	%
<20,0	466,55	5,50
20,0-29,0	671,00	7,91
30,0-39,0	639,65	7,54
40,0-49,0	1238,20	14,60
50,0-59,0	1312,85	15,49
60,0-69,0	2457,45	28,99
70,0-79,0	1682,80	19,85

80,0-89,0	9,55	0,11
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	0,00	0,00

Lifetime: Time vs Front Hyd Pump Pres - Machine Control 330D/336D (RAS01312)

Front Hyd Pump Pres(kPa)	hours	%
<20000,0	6475,55	76,38
20000,0-21999,0	673,35	7,94
22000,0-23999,0	514,15	6,06
24000,0-25999,0	328,65	3,88
26000,0-27999,0	179,95	2,12
28000,0-29999,0	99,65	1,18
30000,0-31999,0	65,80	0,78
32000,0-33999,0	113,50	1,34
34000,0-35999,0	24,75	0,29
36000,0-37999,0	0,15	0,00
38000,0-39999,0	0,00	0,00
>40000,0	2,50	0,03

Lifetime: Time vs Rear Hyd Pump Pres - Machine Control 330D/336D (RAS01312)

Rear Hyd Pump Pres(kPa)	hours	%
<20000,0	5811,60	68,55
20000,0-21999,0	673,75	7,95
22000,0-23999,0	538,90	6,36
24000,0-25999,0	395,25	4,66
26000,0-27999,0	302,60	3,57
28000,0-29999,0	265,70	3,13
30000,0-31999,0	258,70	3,05
32000,0-33999,0	181,70	2,14
34000,0-35999,0	47,00	0,55
36000,0-37999,0	0,20	0,00
38000,0-39999,0	0,00	0,00
>40000,0	2,50	0,03

Tool Configuration - Machine Control 330D/336D (RAS01312)

Description	Value	Unit
Tool Program Name	0	
Maximum Throttle Dial	10	
Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Two Pump Flow Combine Enable	Disabled or Not Installed	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	Disabled or Not Installed	%

Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	Disabled or Not Installed	%
One Way/ Two Way Valve Mode	Disabled or Not Installed	
Variable Relief Valve #1 Pressure	Disabled or Not Installed	kPa
Variable Relief Valve #2 Pressure	Disabled or Not Installed	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	Disabled or Not Installed	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	Disabled or Not Installed	kPa
Multiple Operation Maximum Extend Pilot Pres for Combined Attachment Valve	Disabled or Not Installed	kPa
Multiple Operation Maximum Retract Pilot Pres for Combined Attachment Valve	Disabled or Not Installed	kPa
Hydraulic Temperature High Warning Event Threshold	125,0	Deg C
Attachment Valve #1 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #1 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #1 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Open Time	Disabled or Not Installed	sec
Attachment Valve #1 Close Time	Disabled or Not Installed	sec
Attachment Valve #1 Tool Flow Direction	Disabled or Not Installed	
Attachment Valve #2 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #2 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #2 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Open Time	Disabled or Not Installed	sec

Attachment Valve #2 Close Time	Disabled or Not Installed	sec
Attachment Valve #2 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	Disabled or Not Installed	kPa
Attachment Valve #3 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #3 Open Time	Disabled or Not Installed	sec
Attachment Valve #3 Close Time	Disabled or Not Installed	sec
Attachment Valve #3 Tool Flow Direction	Disabled or Not Installed	
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	

Description	Value	Unit
Tool Program Name	0	
Maximum Throttle Dial	10	
Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Two Pump Flow Combine Enable	Disabled or Not Installed	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	Disabled or Not Installed	%
Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	Disabled or Not Installed	%
One Way/ Two Way Valve Mode	Disabled or Not Installed	
Variable Relief Valve #1 Pressure	Disabled or Not Installed	kPa

Variable Relief Valve #2 Pressure	Disabled or Not Installed	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	Disabled or Not Installed	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	Disabled or Not Installed	kPa
Multiple Operation Maximum Extend Pilot Pres for Combined Attachment Valve	Disabled or Not Installed	kPa
Multiple Operation Maximum Retract Pilot Pres for Combined Attachment Valve	Disabled or Not Installed	kPa
Hydraulic Temperature High Warning Event Threshold	126,0	Deg C
Attachment Valve #1 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #1 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #1 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Open Time	Disabled or Not Installed	sec
Attachment Valve #1 Close Time	Disabled or Not Installed	sec
Attachment Valve #1 Tool Flow Direction	Disabled or Not Installed	
Attachment Valve #2 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #2 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #2 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Open Time	Disabled or Not Installed	sec
Attachment Valve #2 Close Time	Disabled or Not Installed	sec
Attachment Valve #2 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	Disabled or Not Installed	kPa
Attachment Valve #3 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #3 Open Time	Disabled or Not Installed	sec
Attachment Valve #3 Close Time	Disabled or Not Installed	sec
Attachment Valve #3 Tool Flow Direction	Disabled or Not Installed	
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	

Description	Value	Unit
Tool Program Name	0	
Maximum Throttle Dial	10	
Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Two Pump Flow Combine Enable	Disabled or Not Installed	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	Disabled or Not Installed	%
Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	Disabled or Not Installed	%
One Way/ Two Way Valve Mode	Disabled or Not Installed	
Variable Relief Valve #1 Pressure	Disabled or Not Installed	kPa
Variable Relief Valve #2 Pressure	Disabled or Not Installed	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	Disabled or Not Installed	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	Disabled or Not Installed	kPa
Multiple Operation Maximum Extend Pilot Pres for Combined Attachment Valve	Disabled or Not Installed	kPa
Multiple Operation Maximum Retract Pilot Pres for Combined Attachment Valve	Disabled or Not Installed	kPa
Hydraulic Temperature High Warning Event Threshold	126,0	Deg C
Attachment Valve #1 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #1 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #1 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Open Time	Disabled or Not Installed	sec
Attachment Valve #1 Close Time	Disabled or Not Installed	sec
Attachment Valve #1 Tool Flow Direction	Disabled or Not Installed	
Attachment Valve #2 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #2 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #2 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Open Time	Disabled or Not Installed	sec
Attachment Valve #2 Close Time	Disabled or Not Installed	sec
Attachment Valve #2 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	Disabled or Not Installed	kPa
Attachment Valve #3 Maximum Retract Pressure	Disabled or Not Installed	kPa

Attachment Valve #3 Open Time	Disabled or Not Installed	sec
Attachment Valve #3 Close Time	Disabled or Not Installed	sec
Attachment Valve #3 Tool Flow Direction	Disabled or Not Installed	
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	

Description	Value	Unit
Tool Program Name	0	
Maximum Throttle Dial	10	
Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Two Pump Flow Combine Enable	Disabled or Not Installed	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	Disabled or Not Installed	%
Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	Disabled or Not Installed	%
One Way/ Two Way Valve Mode	Disabled or Not Installed	
Variable Relief Valve #1 Pressure	Disabled or Not Installed	kPa
Variable Relief Valve #2 Pressure	Disabled or Not Installed	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	Disabled or Not Installed	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	Disabled or Not Installed	kPa

Multiple Operation Maximum Extend Pilot Pres for Combined Attachment Valve	Disabled or Not Installed	kPa
Multiple Operation Maximum Retract Pilot Pres for Combined Attachment Valve	Disabled or Not Installed	kPa
Hydraulic Temperature High Warning Event Threshold	126,0	Deg C
Attachment Valve #1 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #1 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #1 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Open Time	Disabled or Not Installed	sec
Attachment Valve #1 Close Time	Disabled or Not Installed	sec
Attachment Valve #1 Tool Flow Direction	Disabled or Not Installed	
Attachment Valve #2 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #2 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #2 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Open Time	Disabled or Not Installed	sec
Attachment Valve #2 Close Time	Disabled or Not Installed	sec
Attachment Valve #2 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	Disabled or Not Installed	kPa
Attachment Valve #3 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #3 Open Time	Disabled or Not Installed	sec
Attachment Valve #3 Close Time	Disabled or Not Installed	sec
Attachment Valve #3 Tool Flow Direction	Disabled or Not Installed	

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	

Description	Value	Unit
Tool Program Name	0	
Maximum Throttle Dial	10	
Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Two Pump Flow Combine Enable	Disabled or Not Installed	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	Disabled or Not Installed	%
Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	Disabled or Not Installed	%
One Way/ Two Way Valve Mode	Disabled or Not Installed	
Variable Relief Valve #1 Pressure	Disabled or Not Installed	kPa
Variable Relief Valve #2 Pressure	Disabled or Not Installed	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	Disabled or Not Installed	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	Disabled or Not Installed	kPa
Multiple Operation Maximum Extend Pilot Pres for Combined Attachment Valve	Disabled or Not Installed	kPa
Multiple Operation Maximum Retract Pilot Pres for Combined Attachment Valve	Disabled or Not Installed	kPa

Hydraulic Temperature High Warning Event Threshold	126,0	Deg C
Attachment Valve #1 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #1 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #1 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Open Time	Disabled or Not Installed	sec
Attachment Valve #1 Close Time	Disabled or Not Installed	sec
Attachment Valve #1 Tool Flow Direction	Disabled or Not Installed	
Attachment Valve #2 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #2 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #2 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Open Time	Disabled or Not Installed	sec
Attachment Valve #2 Close Time	Disabled or Not Installed	sec
Attachment Valve #2 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	Disabled or Not Installed	kPa
Attachment Valve #3 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #3 Open Time	Disabled or Not Installed	sec
Attachment Valve #3 Close Time	Disabled or Not Installed	sec
Attachment Valve #3 Tool Flow Direction	Disabled or Not Installed	
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	

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

Attachment Valve #1 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Open Time	Disabled or Not Installed	sec
Attachment Valve #1 Close Time	Disabled or Not Installed	sec
Attachment Valve #1 Tool Flow Direction	Disabled or Not Installed	
Attachment Valve #2 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #2 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #2 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Open Time	Disabled or Not Installed	sec
Attachment Valve #2 Close Time	Disabled or Not Installed	sec
Attachment Valve #2 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	Disabled or Not Installed	kPa
Attachment Valve #3 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #3 Open Time	Disabled or Not Installed	sec
Attachment Valve #3 Close Time	Disabled or Not Installed	sec
Attachment Valve #3 Tool Flow Direction	Disabled or Not Installed	
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	
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Description	Value	Unit
Tool Program Name	0	
Maximum Throttle Dial	10	
Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Two Pump Flow Combine Enable	Disabled or Not Installed	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	Disabled or Not Installed	%
Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	Disabled or Not Installed	%
One Way/ Two Way Valve Mode	Disabled or Not Installed	
Variable Relief Valve #1 Pressure	Disabled or Not Installed	kPa
Variable Relief Valve #2 Pressure	Disabled or Not Installed	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	Disabled or Not Installed	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	Disabled or Not Installed	kPa
Multiple Operation Maximum Extend Pilot Pres for Combined Attachment Valve	Disabled or Not Installed	kPa
Multiple Operation Maximum Retract Pilot Pres for Combined Attachment Valve	Disabled or Not Installed	kPa
Hydraulic Temperature High Warning Event Threshold	126,0	Deg C
Attachment Valve #1 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #1 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #1 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Open Time	Disabled or Not Installed	sec

Attachment Valve #1 Close Time	Disabled or Not Installed	sec
Attachment Valve #1 Tool Flow Direction	Disabled or Not Installed	
Attachment Valve #2 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #2 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #2 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Open Time	Disabled or Not Installed	sec
Attachment Valve #2 Close Time	Disabled or Not Installed	sec
Attachment Valve #2 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	Disabled or Not Installed	kPa
Attachment Valve #3 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #3 Open Time	Disabled or Not Installed	sec
Attachment Valve #3 Close Time	Disabled or Not Installed	sec
Attachment Valve #3 Tool Flow Direction	Disabled or Not Installed	
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	

Description	Value	Unit
Tool Program Name	0	
Maximum Throttle Dial	10	

Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Two Pump Flow Combine Enable	Disabled or Not Installed	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	Disabled or Not Installed	%
Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	Disabled or Not Installed	%
One Way/ Two Way Valve Mode	Disabled or Not Installed	
Variable Relief Valve #1 Pressure	Disabled or Not Installed	kPa
Variable Relief Valve #2 Pressure	Disabled or Not Installed	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	Disabled or Not Installed	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	Disabled or Not Installed	kPa
Multiple Operation Maximum Extend Pilot Pres for Combined Attachment Valve	Disabled or Not Installed	kPa
Multiple Operation Maximum Retract Pilot Pres for Combined Attachment Valve	Disabled or Not Installed	kPa
Hydraulic Temperature High Warning Event Threshold	126,0	Deg C
Attachment Valve #1 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #1 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #1 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Open Time	Disabled or Not Installed	sec
Attachment Valve #1 Close Time	Disabled or Not Installed	sec
Attachment Valve #1 Tool Flow Direction	Disabled or Not Installed	
Attachment Valve #2 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #2 Multi-Operation Additional Flow	Disabled or Not Installed	L/min

Valve #2 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Open Time	Disabled or Not Installed	sec
Attachment Valve #2 Close Time	Disabled or Not Installed	sec
Attachment Valve #2 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	Disabled or Not Installed	kPa
Attachment Valve #3 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #3 Open Time	Disabled or Not Installed	sec
Attachment Valve #3 Close Time	Disabled or Not Installed	sec
Attachment Valve #3 Tool Flow Direction	Disabled or Not Installed	
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	

Description	Value	Unit
Tool Program Name	0	
Maximum Throttle Dial	10	
Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Two Pump Flow Combine Enable	Disabled or Not Installed	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	Disabled or Not Installed	%

Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	Disabled or Not Installed	%
One Way/ Two Way Valve Mode	Disabled or Not Installed	
Variable Relief Valve #1 Pressure	Disabled or Not Installed	kPa
Variable Relief Valve #2 Pressure	Disabled or Not Installed	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	Disabled or Not Installed	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	Disabled or Not Installed	kPa
Multiple Operation Maximum Extend Pilot Pres for Combined Attachment Valve	Disabled or Not Installed	kPa
Multiple Operation Maximum Retract Pilot Pres for Combined Attachment Valve	Disabled or Not Installed	kPa
Hydraulic Temperature High Warning Event Threshold	126,0	Deg C
Attachment Valve #1 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #1 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #1 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Open Time	Disabled or Not Installed	sec
Attachment Valve #1 Close Time	Disabled or Not Installed	sec
Attachment Valve #1 Tool Flow Direction	Disabled or Not Installed	
Attachment Valve #2 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #2 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #2 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Open Time	Disabled or Not Installed	sec

Attachment Valve #2 Close Time	Disabled or Not Installed	sec
Attachment Valve #2 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	Disabled or Not Installed	kPa
Attachment Valve #3 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #3 Open Time	Disabled or Not Installed	sec
Attachment Valve #3 Close Time	Disabled or Not Installed	sec
Attachment Valve #3 Tool Flow Direction	Disabled or Not Installed	
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	

Description	Value	Unit
Tool Program Name	0	
Maximum Throttle Dial	10	
Minimum Throttle Dial Position	1	
Underspeed Enable	Enabled	
Two Pump Flow Combine Enable	Disabled or Not Installed	
Initial Tool Program Medium Pressure Circuit Main Pump Torque Reduction	Disabled or Not Installed	%
Total Tool Program Medium Pressure Circuit Main Pump Torque Reduction	Disabled or Not Installed	%
One Way/ Two Way Valve Mode	Disabled or Not Installed	
Variable Relief Valve #1 Pressure	Disabled or Not Installed	kPa

Variable Relief Valve #2 Pressure	Disabled or Not Installed	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	Disabled or Not Installed	kPa
Multiple Operation Maximum Retract Pilot Pressure for Attachment Valve #1	Disabled or Not Installed	kPa
Multiple Operation Maximum Extend Pilot Pres for Combined Attachment Valve	Disabled or Not Installed	kPa
Multiple Operation Maximum Retract Pilot Pres for Combined Attachment Valve	Disabled or Not Installed	kPa
Hydraulic Temperature High Warning Event Threshold	126,0	Deg C
Attachment Valve #1 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #1 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #1 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #1 Open Time	Disabled or Not Installed	sec
Attachment Valve #1 Close Time	Disabled or Not Installed	sec
Attachment Valve #1 Tool Flow Direction	Disabled or Not Installed	
Attachment Valve #2 Flow Setting	Disabled or Not Installed	L/min
Attachment Valve #2 Multi-Operation Additional Flow	Disabled or Not Installed	L/min
Valve #2 Nominal Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Extend Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #2 Open Time	Disabled or Not Installed	sec
Attachment Valve #2 Close Time	Disabled or Not Installed	sec
Attachment Valve #2 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	Disabled or Not Installed	kPa
Attachment Valve #3 Maximum Retract Pressure	Disabled or Not Installed	kPa
Attachment Valve #3 Open Time	Disabled or Not Installed	sec
Attachment Valve #3 Close Time	Disabled or Not Installed	sec
Attachment Valve #3 Tool Flow Direction	Disabled or Not Installed	
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	

Product Link

Parameter	Value
Machine Serial Number	
Dealer Identification Code	
DBS Machine Make Code	AA
ECM Serial Number	1828B173LQ
Wireless Transmission Device Serial Number	DQCAT0013401
Software Group Part Number	3303409-00
Software Group Release Date	APR2008
Software Group Description	PL-300 3.1.1

Logged Diagnostic Codes [Diagnostic Clock = 8473 hours] - Product Link

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 8473 hours] - Product Link

Code	Description	Occ.	First	Last
No Logged Event Codes				

Active Diagnostic Codes - Product Link

Code	Description
No Active Diagnostic Codes	

Active Event Codes - Product Link

Code	Description
No Active Event Codes	

Configuration - Product Link

Description	Value	Unit
Maintenance Mode	Off	
Machine Serial Number		
DBS Machine Make Code	AA	
Dealer Identification Code		
Registration E-Mail Address Username		
Registration E-Mail Address Domain		
Event/Diagnostic Report Interval (SMU)	4	hours
Event/Diagnostic Message Interval (RT)	168	hours
Report Start Time	1-1-1985 01:00	
Warning Level 3 Report Configuration	Report Immediately	
Warning Level 2 Report Configuration	Report Immediately	
Warning Level 1 Report Configuration	Report at Next Scheduled	
Diagnostic Report Configuration	Report at Next Scheduled	
Operating Hours Report Configuration	On	
Number of Daily Machine Location Messages Configuration	4	
Position Report Minimum Location Change	0	meters
Fuel Consumed Report Configuration	On	
Global Gram Enable Status	Disabled	
GPS Fix Validity Time Duration	60,0	min
Preferred Wireless Service Configuration	Satellite Premium #2	
Digital Sensor Input #1 Type Configuration	Not Installed	
Digital Input #1 Monitoring Condition	All Conditions	
Digital Sensor Input #1 Description	DIGITAL INPUT 1	
Digital Sensor Input #1 Delay Time	30,0	sec
Digital Sensor Input #2 Type Configuration	Not Installed	
Digital Input #2 Monitoring Condition	All Conditions	
Digital Sensor Input #2 Description	DIGITAL INPUT 2	
Digital Sensor Input #2 Delay Time	30,0	sec
Digital Sensor Input #3 Type Configuration	Not Installed	
Digital Input #3 Monitoring Condition	All Conditions	
Digital Sensor Input #3 Description	DIGITAL INPUT 3	
Digital Sensor Input #3 Delay Time	30,0	sec
Digital Sensor Input #4 Type Configuration	Not Installed	
Digital Input #4 Monitoring Condition	All Conditions	

Digital Sensor Input #4 Description	DIGITAL INPUT 4	
Digital Sensor Input #4 Delay Time	30,0	sec
Embedded Communication Adapter Installation Status	Not Installed	

C9 330D (THY06402)

Parameter	Value
Equipment ID	
Engine Serial Number	THY06402
ECM Part Number	2622879-01
ECM Serial Number	17686217JM
Personality Module Part Number	3683024-00
Personality Module Release Date	APR11
Personality Module Description	330D-HEX-C9-HI_LSP
Active Event Codes Present	Unavailable
Calibration Identification Number	Unavailable

Logged Diagnostic Codes [Diagnostic Clock = 8472 hours] - C9 330D (THY06402)

Code	Description	Occ.	First	Last
No Logged Diagnostic Codes				

Logged Event Codes [Diagnostic Clock = 8472 hours] - C9 330D (THY06402)

Code	Description	Occ.	First	Last
E265 (3)	User Defined Shutdown	6	8372	8382

Active Diagnostic Codes - C9 330D (THY06402)

Code	Description
No Active Diagnostic Codes	

Active Event Codes - C9 330D (THY06402)

Code	Description
No Active Event Codes	

Current Totals - C9 330D (THY06402)

Description	Value	Unit
Engine Lifetime Hours	Unavailable	hours
Total Operating Hours	8473	hours
Total Fuel	247729	L
Engine Starts	3995	
Lifetime Total Engine Revolutions	820321904	rev
Total Idle Time	1555:36	hours
Total Idle Fuel	5648	L
Total Max Fuel	454987	L
Average Load Factor	53	%

Overall Load Factor	54	%
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Configuration - C9 330D (THY06402)

Description	Value	Unit
Equipment ID		
Engine Serial Number	THY06402	
ECM Part Number	2622879-01	
ECM Serial Number	17686217JM	
Personality Module Part Number	3683024-00	
Personality Module Release Date	APR11	
Personality Module Description	330D-HEX-C9-HI_LSP	
Rated Power	213 kW at 1800 rpm	
Rated Peak Torque	1356 N-m at 1400 rpm	
Test Spec	0K7131 0K7132	
Top Engine Speed Range	1980 - 1980 rpm	
Ether Solenoid Configuration	Not Installed	
FLS	-85	
FTS	74	
Security System Immobilizer Installation Status	Disabled or Not Installed	
Total Tattletale	11	

Lifetime: Time vs Engine Coolant Temperature - C9 330D (THY06402)

Engine Coolant Temperature(Deg C)	hours	%
<50,0	184,00	2,18
50,0-54,0	54,05	0,64
55,0-59,0	63,20	0,75
60,0-64,0	70,70	0,84
65,0-69,0	76,85	0,91
70,0-74,0	94,65	1,12
75,0-79,0	128,50	1,52
80,0-84,0	6662,60	78,95
85,0-89,0	1082,25	12,82
90,0-94,0	20,70	0,25
95,0-99,0	1,00	0,01
100,0-104,0	0,05	0,00
105,0-109,0	0,05	0,00
110,0-114,0	0,00	0,00
115,0-119,0	0,00	0,00
>120,0	0,00	0,00

Lifetime: Time vs Inlet Air Temperature - C9 330D (THY06402)

Inlet Air Temperature(Deg C)	hours	%
<40,0	2646,35	60,62
40,0-44,0	1082,60	24,80
45,0-49,0	545,50	12,50
50,0-54,0	87,85	2,01
55,0-59,0	3,00	0,07

60,0-64,0	0,10	0,00
65,0-69,0	0,00	0,00
70,0-74,0	0,00	0,00
75,0-79,0	0,00	0,00
80,0-84,0	0,00	0,00
85,0-89,0	0,00	0,00
90,0-94,0	0,00	0,00
95,0-99,0	0,00	0,00
>100,0	0,00	0,00

Lifetime: Time vs Boost Pressure - C9 330D (THY06402)

Boost Pressure(kPa)	hours	%
<80,0	136,55	3,13
80,0-89,0	189,75	4,35
90,0-99,0	396,10	9,07
100,0-109,0	551,60	12,64
110,0-119,0	767,85	17,59
120,0-129,0	762,30	17,46
130,0-139,0	592,45	13,57
140,0-149,0	765,70	17,54
150,0-159,0	201,40	4,61
160,0-169,0	1,60	0,04
170,0-179,0	0,00	0,00
180,0-189,0	0,00	0,00
190,0-199,0	0,00	0,00
>200,0	0,00	0,00

Lifetime: Time vs Engine Speed And Engine Load Factor - C9 330D (THY06402)

rpm	<1100	1100-1299	1300-1499	1500-1699	1700-1899	1900-2099	2100-2299	>2300	Total
%									
<50,0	1122,85	148,65	609,85	71,00	248,35	467,30	0,00	0,00	2668,00
50,0-59,9	0,15	0,70	3,40	26,20	61,30	45,45	0,00	0,00	137,20
60,0-69,9	0,00	0,20	1,10	44,60	75,55	52,30	0,00	0,00	173,75
70,0-79,9	0,00	0,05	0,25	67,65	87,75	66,30	0,00	0,00	222,00
80,0-89,9	0,00	0,00	0,05	31,10	137,30	117,55	0,00	0,00	286,00
>90,0	0,10	0,00	0,25	109,50	3173,10	1135,40	0,00	0,00	4418,35
Total	1123,10	149,60	614,90	350,05	3783,35	1884,30	0,00	0,00	7905,30

Lifetime: Total Occurrences vs Engine Speed - C9 330D (THY06402)

Engine Speed(rpm)		%
<2500,0	0,00	0,00
2500,0-2599,0	0,00	0,00
2600,0-2699,0	0,00	0,00
2700,0-2799,0	2,00	18,18

2800,0-2899,0	0,00	0,00
2900,0-2999,0	0,00	0,00
3000,0-3099,0	0,00	0,00
3100,0-3199,0	1,00	9,09
3200,0-3299,0	1,00	9,09
>3300,0	7,00	63,64

Injector Trim Calibration - C9 330D (THY06402)

Injector	Serial Number	File Version	Tattletale
Injector1	000000003B13431639 04	0	1
Injector2	000000003B13507536 6F	0	1
Injector3	00000000B311215953 AC	0	2
Injector4	000000003B13507492 9A	0	1
Injector5	000000003B13507356 6C	0	1
Injector6	00000000B311215954 B9	0	4