

Cat Electronic Technician 2019C v1.0

Product Status Report

9-3-2021 09:37

Product Status Report

Parameter	Value
Product ID	BDE00515
Equipment ID	
Comments	

Monitor

Parameter	Value
ECM Serial Number	00000000EE
Personality Module Part Number	2115615-00

Hyd Pump Control 320C (BDE00515)

Parameter	Value
Product ID	BDE00515
ECM Part Number	1573165-05
ECM Serial Number	00218028EG
Software Group Part Number	1959019-00
Software Group Release Date	SEP2001
Software Group Description	320C HEX CONTROL
Active Diagnostic Codes Present	Yes

Logged Diagnostic Codes - Hyd Pump Control 320C (BDE00515)

Code	Description
96- 3	Fuel Level Sensor : Voltage Above Normal
110-10	Engine Coolant Temperature Sensor : Abnormal Rate of Change
168- 5	Electrical System Voltage : Current Below Normal
190- 8	Engine Speed Sensor : Abnormal Frequency, Pulse Width, or Period
190-10	Engine Speed Sensor : Abnormal Rate of Change
254-12	Electronic Control Module Error
374- 5	Swing Brake Solenoid : Current Below Normal
581- 5	Power Shift Solenoid : Current Below Normal
587- 3	Engine Governor Position Sensor : Voltage Above Normal
587- 4	Electronic Governor short to ground
587-10	Engine Governor Position Sensor : Abnormal Rate of Change
588-12	Monitor System Display : Failure
1161- 4	Front Hydraulic Pump Pressure Sensor : Voltage Below Normal
1162- 4	Rear Hydraulic Pump Pressure Sensor : Voltage Below Normal
1178- 3	Machine Overload Warning Pressure Sensor : Voltage Above Normal

Logged Event Codes - Hyd Pump Control 320C (BDE00515)

Code	Description
E015	High Engine Coolant Temperature Derate
E017	High Engine Coolant Temperature Warning
E023	High Hydraulic Oil Temperature Derate
E043	Low System Voltage Warning
E050	High System Voltage Warning
E100	Low Engine Oil Pressure Warning
E179	Alternator Not Charging

Active Diagnostic Codes - Hyd Pump Control 320C (BDE00515)

Code	Description
96- 3	Fuel Level Sensor : Voltage Above Normal
587- 3	Engine Governor Position Sensor : Voltage Above Normal
1161- 4	Front Hydraulic Pump Pressure Sensor : Voltage Below Normal
1162- 4	Rear Hydraulic Pump Pressure Sensor : Voltage Below Normal
1178- 3	Machine Overload Warning Pressure Sensor : Voltage Above Normal

Current Totals - Hyd Pump Control 320C (BDE00515)

Description	Value	Unit
Engine Maintenance Hours	19563	hours
Engine Oil Hours	16566	hours
Engine Oil Filter Hours	16566	hours
Engine Coolant Hours	16566	hours
Fuel/ Water Separator Hours	0	hours
Fuel Filter Hours	4926	hours
Secondary Fuel Filter Hours	Unavailable	hours
Hydraulic Pump Hours	19563	hours
Hydraulic Pilot Oil Filter Hours	16566	hours
Hydraulic Case Drain Oil Filter Hours	16566	hours
Return Hydraulic Oil Filter Hours	14014	hours
Hydraulic Oil Hours	16566	hours
Final Drive Oil Hours	16566	hours
Swing Drive Oil Hours	16566	hours
Travel Motor Hours	2784	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

Configuration - Hyd Pump Control 320C (BDE00515)

Description	Value	Unit
Product ID	BDE00515	
Hydraulic Oil Type	Mineral Oil	
Travel Alarm Installation Status	Not Installed	

Water Separator Level Switch Configuration	Normally Open	
Fuel Filter Differential Pressure Switch Config	Not Installed	
Secondary Fuel Filter Differential Pressure Switch Config	Not Installed	
High Pressure Hydraulic Oil Filter Switch Config	Not Installed	
Auto Lube System Installation Status	Not Installed	
Machine Overload Pressure Sensor Installation	Installed	
Machine Overload Pressure Threshold	22100	kPa
Machine Application Configuration	Bucket	
Attachment Tool ECM Installation Status	Not Installed	
Main Pump Flow Limitation Pressure Solenoid Installation Status	Not Installed	
Attachment Valve #1 Configuration	F2 - One Way or Two Way	
Attachment Valve #2 Configuration	F2 - One Way or Two Way	
Attachment Valve #3 Configuration	F4 - One Way or Two Way	
Attachment Valve #4 Configuration	F3 - One Way or Two Way	
Attachment Valve #1 Combiner Configuration	Valve #2 Combined with Valve #1	
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	
Left Joystick Switch #1 Installation Status	Disabled or Not Installed	
Left Joystick Switch #2 Installation Status	Disabled or Not Installed	
Right Joystick Switch #1 Installation Status	Disabled or Not Installed	
Right Joystick Switch #2 Installation Status	Disabled or Not Installed	
Attachment Switch #1 Installation Status	Disabled or Not Installed	
Attachment Switch #2 Installation Status	Disabled or Not Installed	
Attachment Switch #3 Installation Status	Disabled or Not Installed	
Attachment Switch #4 Installation Status	Disabled or Not Installed	
Left Joystick Thumbwheel Installation Status	Disabled or Not Installed	
Right Joystick Thumbwheel Installation Status	Disabled or Not Installed	
Left Attachment Pedal Installation Status	Disabled or Not Installed	
Right Attachment Pedal Installation Status	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	16670	kPa
Travel Speed Shift High Pressure	31870	kPa
One Touch Engine Speed Setting	1000	rpm
AESC Setting	1300	rpm
AESC Delay Time	3,0	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	20,0	%
Throttle Dial Position 2 Hydraulic System Torque Percentage	40,0	%
Throttle Dial Position 3 Hydraulic System Torque Percentage	60,0	%
Throttle Dial Position 4 Hydraulic System Torque Percentage	81,2	%
Throttle Dial Position 5 Hydraulic System Torque Percentage	86,4	%
Throttle Dial Position 6 Hydraulic System Torque Percentage	86,4	%
Throttle Dial Position 7 Hydraulic System Torque Percentage	86,4	%
Throttle Dial Position 8 Hydraulic System Torque Percentage	86,4	%
Throttle Dial Position 9 Hydraulic System Torque Percentage	86,4	%
Throttle Dial Position 10 Hydraulic System Torque Percentage	105,0	%
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
Secondary Fuel Filter Recommended Maintenance Interval	Unavailable	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	1000	hours
Final Drive Oil Recommended Maintenance Interval	2000	hours
Hydraulic Oil Recommended Maintenance Interval	2000	hours
Swing Drive Oil Recommended Maintenance Interval	1000	hours

Tool Configuration - Hvd Pump Control 320C (BDE00515)

Description	Value	Unit
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Tool Program Name	0	
Maximum Throttle Dial	10	
Throttle Dial Flow Control	On	
Underspeed Enable	Enabled	
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	30	%
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
Main Pump Bypass Flow	Disabled or Not Installed	L/min
F1 Type Valve Maximum Flow Derate	Disabled or Not Installed	%
F1 Type Valve Flow Derate Start Pressure	Disabled or Not Installed	kPa
F1 Type Valve Flow Derate End 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
Attachment Valve #1 Flow Setting	160	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Valve #1 Nominal Pressure	16000	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 #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 #3 Flow Setting	40	L/min
Attachment Valve #3 Multi-Operation Additional Flow	0	L/min
Valve #3 Nominal Pressure	16000	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 #4 Flow Setting	200	L/min
Attachment Valve #4 Multi-Operation Additional Flow	0	L/min
Valve #4 Nominal Pressure	16000	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
Left Joystick Switch #1 Control Mode	Disabled or Not Installed	
Left Joystick Switch #2 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	
Attachment Switch #1 Control Mode	Disabled or Not Installed	
Attachment Switch #2 Control Mode	Disabled or Not Installed	
Attachment Switch #3 Control Mode	Disabled or Not Installed	
Attachment Switch #4 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	

Description	Value	Unit
Tool Program Name	0	
Maximum Throttle Dial	10	
Throttle Dial Flow Control	On	
Underspeed Enable	Enabled	
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	30	%
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
Main Pump Bypass Flow	Disabled or Not Installed	L/min
F1 Type Valve Maximum Flow Derate	Disabled or Not Installed	%
F1 Type Valve Flow Derate Start Pressure	Disabled or Not Installed	kPa
F1 Type Valve Flow Derate End 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
Attachment Valve #1 Flow Setting	160	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Valve #1 Nominal Pressure	16000	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 #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 #3 Flow Setting	40	L/min
Attachment Valve #3 Multi-Operation Additional Flow	0	L/min
Valve #3 Nominal Pressure	16000	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 #4 Flow Setting	200	L/min
Attachment Valve #4 Multi-Operation Additional Flow	0	L/min
Valve #4 Nominal Pressure	16000	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
Left Joystick Switch #1 Control Mode	Disabled or Not Installed	
Left Joystick Switch #2 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	
Attachment Switch #1 Control Mode	Disabled or Not Installed	
Attachment Switch #2 Control Mode	Disabled or Not Installed	
Attachment Switch #3 Control Mode	Disabled or Not Installed	
Attachment Switch #4 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	
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Description	Value	Unit
Tool Program Name	0	
Maximum Throttle Dial	10	
Throttle Dial Flow Control	On	
Underspeed Enable	Enabled	
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	30	%
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
Main Pump Bypass Flow	Disabled or Not Installed	L/min
F1 Type Valve Maximum Flow Derate	Disabled or Not Installed	%
F1 Type Valve Flow Derate Start Pressure	Disabled or Not Installed	kPa
F1 Type Valve Flow Derate End 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
Attachment Valve #1 Flow Setting	160	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Valve #1 Nominal Pressure	16000	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 #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 #3 Flow Setting	40	L/min
Attachment Valve #3 Multi-Operation Additional Flow	0	L/min
Valve #3 Nominal Pressure	16000	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 #4 Flow Setting	200	L/min
Attachment Valve #4 Multi-Operation Additional Flow	0	L/min
Valve #4 Nominal Pressure	16000	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
Left Joystick Switch #1 Control Mode	Disabled or Not Installed	
Left Joystick Switch #2 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	
Attachment Switch #1 Control Mode	Disabled or Not Installed	
Attachment Switch #2 Control Mode	Disabled or Not Installed	
Attachment Switch #3 Control Mode	Disabled or Not Installed	
Attachment Switch #4 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	

Description	Value	Unit
Tool Program Name	0	
Maximum Throttle Dial	10	
Throttle Dial Flow Control	On	
Underspeed Enable	Enabled	
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	30	%
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
Main Pump Bypass Flow	Disabled or Not Installed	L/min
F1 Type Valve Maximum Flow Derate	Disabled or Not Installed	%
F1 Type Valve Flow Derate Start Pressure	Disabled or Not Installed	kPa
F1 Type Valve Flow Derate End 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
Attachment Valve #1 Flow Setting	160	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Valve #1 Nominal Pressure	16000	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 #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 #3 Flow Setting	40	L/min
Attachment Valve #3 Multi-Operation Additional Flow	0	L/min
Valve #3 Nominal Pressure	16000	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 #4 Flow Setting	200	L/min
Attachment Valve #4 Multi-Operation Additional Flow	0	L/min
Valve #4 Nominal Pressure	16000	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
Left Joystick Switch #1 Control Mode	Disabled or Not Installed	
Left Joystick Switch #2 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	
Attachment Switch #1 Control Mode	Disabled or Not Installed	
Attachment Switch #2 Control Mode	Disabled or Not Installed	
Attachment Switch #3 Control Mode	Disabled or Not Installed	
Attachment Switch #4 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	

Description	Value	Unit
Tool Program Name	0	Active
Maximum Throttle Dial	10	
Throttle Dial Flow Control	On	
Underspeed Enable	Enabled	
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	30	%
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
Main Pump Bypass Flow	Disabled or Not Installed	L/min
F1 Type Valve Maximum Flow Derate	Disabled or Not Installed	%
F1 Type Valve Flow Derate Start Pressure	Disabled or Not Installed	kPa
F1 Type Valve Flow Derate End 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
Attachment Valve #1 Flow Setting	160	L/min
Attachment Valve #1 Multi-Operation Additional Flow	0	L/min
Valve #1 Nominal Pressure	16000	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 #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 #3 Flow Setting	40	L/min
Attachment Valve #3 Multi-Operation Additional Flow	0	L/min
Valve #3 Nominal Pressure	16000	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 #4 Flow Setting	200	L/min
Attachment Valve #4 Multi-Operation Additional Flow	0	L/min
Valve #4 Nominal Pressure	16000	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
Left Joystick Switch #1 Control Mode	Disabled or Not Installed	
Left Joystick Switch #2 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	
Attachment Switch #1 Control Mode	Disabled or Not Installed	
Attachment Switch #2 Control Mode	Disabled or Not Installed	

Attachment Switch #3 Control Mode	Disabled or Not Installed	
Attachment Switch #4 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	