

UNDERCARRIAGE INSPECTION

E20-1

Company Name: Chevalier Geo. Co., Ltd.

Acct#:

Date: Nov. 26/2020Unit#: 403

Year:

Make: J.D.Model: 270 CLCS/N: FF270CX071072# of Links: 48Part # of Link: DCF 10-009LHrs: 16326

	Measured in mm	Percentage of Wear	Comments
L.H. LINK HEIGHT	115	10	
R.H. LINK HEIGHT	115	10	
L.H. BUSH O.D.	65	40	
R.H. BUSH O.D.	65	40	
L.H. TRACK PITCH	872	50	
R.H. TRACK PITCH	873	55	
L.H. GROUSER HEIGHT	31.5	30	
R.H. GROUSER HEIGHT	32	25	
L.H. FRONT IDLER	24	30	270 DLC
R.H. FRONT IDLER	20	0	270 DLC
L.H.F. CARRIER	147	30	"
L.H.R. CARRIER	146	40	"
R.H.F. CARRIER	148	20	"
R.H.R. CARRIER	148	20	"

L.H. BOTTOM ROLLERS

	Measured in mm	Percentage of Wear
(1)	175	25
(2)	174	30
(3)	172	45
(4)	172	45
(5)	Guard	
(6)	172	45
(7)	171	50
(8)	173	40
(9)	172	45
(10)		

L.H. SPROCKET Good**R.H. BOTTOM ROLLERS**

	Measured in mm	Percentage of Wear
(1)	174	30
(2)	171	50
(3)	170	55
(4)	170	55
(5)	Guard	
(6)	171	50
(7)	171	50
(8)	171	50
(9)	170	55
(10)		

R.H. SPROCKET Good

COMMENTS: _____

	Voltage			4.4 at fast idle
17	Boom Up Pilot Pressure	9 0.0	MPa	MPa x 145.04 = psi
18	Arm In Pilot Pressure	A 0.0	3.4 MPa	MPa x 145.04 = psi
19	Swing Pilot Pressure	b 0.0	3.4 MPa	MPa x 145.04 = psi
20	Propel Speed Pilot Pressure	c 0.0	3.8 MPa	MPa x 145.04 = psi
21	Dig and Swing Pilot Pressure	d 0	✓ 0 = Off 1 = On	
22	Attachment Control Pressure	E 0.0	0.0 MPa ?	MPa x 145.04 = psi
23	Work Mode	F 0	0 = Dig Mode 0 = Dig Mode II (Not Used) ✓ 1 = Attachment (Not Used)	

The monitor display can be switched from standard mode to USER mode to display diagnostic trouble codes and some monitored data item.

USER Mode Access: Push the SET switch and then turn the key switch ON. The monitor goes through the bulb check and then displays the hour meter. The SET switch can be released as soon as the monitor is into the bulb check.

Diagnostic Display Operation: Push the DISPLAY SELECT switch to display each Monitored Result in the sequence order shown in the Monitor Display Diagnostic System Chart.

The Monitored Result column in the Monitor Display Diagnostic System Chart is representative of the display. The letters and numbers on the left are for identification and the readings are shown on the right.

NOTE:

Monitored results in the Monitor Display Diagnostic System Chart are shown with key switch ON and engine stopped.

Diagnostic trouble codes, if present, are displayed in the eighth sequence order. Push the DISPLAY SELECT switch seven times to go to 0 (diagnostic trouble codes). More than one diagnostic trouble code is displayed at 1 second intervals. After the malfunction has been repaired, the diagnostic trouble code(s) are automatically cleared.

LD30992,000001B-19-20031015

TM1930 - 200CLC, 230CLC, and 270CLC Excavator Monitor Display Diagnostic System Operation

Monitor Display Diagnostic System Operation

NOTE:

These items can be read from monitor display, without using Excavator Diagnostics or Service ADVISOR programs. Only the information shown in the Monitored Result column will show on the display screen.

-: Monitor Display Diagnostic System Chart

Sequence Order	Description	Monitored Result	Unit	Remarks
1	Hour Meter	0.0 h	h	h = hours
2	Trip 1	0.0 h	h	h = hours
3	Trip 2	0.0 h	h	h = hours
4	Actual Engine Speed	USER n 0 min ⁻¹	min ⁻¹	min ⁻¹ = rpm
5	Hydraulic Oil Temperature	USER 23 °C	°C	Oil temperature in hydraulic oil tank in Centigrade
6 Not used.	—	USER L1 E t	—	Not used.
7 Not used.	—	USER L2 E %	%	Not used.
8	Diagnostic Trouble Code	0 0	—	<u>See Pump and Valve Controller Diagnostic Trouble Codes . (Group 9015-20.)</u>
9 Not used.	ML Switch	1 0	0: Switch Off ? 1: Switch On ?	Not used.
10	Pump 1 Delivery Pressure	2 0.0	MPa	MPa x 145.04 = psi
11	Pump 2 Delivery Pressure	3 0.0	MPa	MPa x 145.04 = psi
12	Pump 1 Control Pressure	4 0.0	MPa	MPa x 145.04 = psi
13	Pump 2 Control Pressure	5 0.0	MPa	MPa x 145.04 = psi
14	Target Engine Speed	6 700	rpm	700 = slow idle 1600 = fast idle in P mode
15 Not used.	EC Angle	7 0.2	V	Not used.
16	Engine RPM Dial	8 0.5	V	0.5 at slow idle