

LIEBHERR L550 73992 - Hydraulic System

0 44.4

Sample No: LH0289673 **Oil Type:** {unknown}

Sample Information

	· · · · · · · · · · · · · · · · · · ·			
Sample	Number	LH0289673	 	
Sample	Date	10 Apr 2024	 	
Machin	e Hours	2541	 	
Oil Hou	rs	0	 	
Oil Cha	nged	Not Changd	 	
Sample	Status	NORMAL	 	

Oil Condition

Visc @ 40°C

cSt

-

Contamination Water % NEG Particles >4µm 0 1834 0 394 Particles >6µm Particles >14µm 0 35 ISO 4406:1999 (c) 18/16/12 Silicon 01 ppm Sodium ppm ○ <1 Potassium ppm ○ <1

Wear Metals

Iron	ppm	3	 	
Copper	ppm	3	 	
Lead	ppm	0 2	 	
Tin	ppm	0 ()	 	
Aluminum	ppm	○ <1	 	
Chromium	ppm	03	 	
Molybdenum	ppm	0	 	
Nickel	ppm	0 ()	 	
Titanium	ppm	0	 	
Silver	ppm	0	 	
Manganese	ppm	0	 	
Vanadium	ppm	0	 	

Additives						
Calcium	ppm	1202				
Magnesium	ppm	4				
Zinc	ppm	688				
Phosphorus	ppm	599				
Barium	ppm	0				
Boron	ppm	<1				



DOFASCO INC.

P.O. BOX 2460, 1330 BURLINGTON ST.E, HEAVY EQUIPMENT REPAIR HAMILTON, ON CA L8N 3J5 Contact: HAROLD LOUDEN harold.louden@arcelormittal.com T: (905)548-7200 F: (905)548-7465

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.

Depot: DOFHAM Unique No: 5763756 Signed: Wes Davis **Report Date:** 23 Apr 2024

LEBHERR CONSTRUCTION EQUIPMENT



Graphs

Ferrous Alloys Particle Count 10 - 491,520--26 iron 9 chromium 245,760 -25 •• nickel 8 122,880 -24 61,440 -23 6 ppm 5 30,720 -22 Ahnorm 15,360 -21 2 7,680 20 2 3,840 -19 0 1,920 -18 🛛 Apr10/24 Apr10/24 nber of particles (per 1 ml) 4406:1999 Cleanliness 960 Non-ferrous Metals 480 10 copper 240 9 nan lead -14 g tin 120 8 -13 60. 6 30 -12 mdd 5 15 -11 ·10 1 8 4 9 2 -8 0 Apr10/24 Apr10/24 0**+** 4μ 71µ 21µ 38µ 14µ 6j. Viscosity @ 40°C 52-51 Abnormal 50 49 48 47 (D=046 45 44 43 42 41 Abnormal 40 39 Apr10/24 Apr10/24

Report Id: DOFHAM [WCAMIS] 02630624 (Generated: 04/23/2024 09:38:19) Rev: 1