

LIEBHERR LH50 1203-88500 - Pump Drive

Sample No: LH0272500

Oil Type: GEAR OIL LS 80W90

SAMPLE INFORMATION

Sample Number	LH0272500	LH0254730	LH0236084	
Sample Date	14 Dec 2023	17 May 2023	25 Jan 2023	
Machine Hours	8417	7952	7490	
Oil Hours	0	0	0	
Oil Changed	Changed	Changed	Changed	
Sample Status	NORMAL	NORMAL	NORMAL	
OIL CONDITION				
Visc @ 40°C cSt	0 114	0 118	0 120	

Water	%	NEG	NEG	NEG	
Silicon	ppm	01	01	02	
Sodium	ppm	01	2	9	
Potassium	ppm	01	03	04	

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WE/	AR META	LS			
Iron	ppm	0 17	0 14	0 13	
Copper	ppm	0	0	0	
Lead	ppm	0	0 <1	0	
Tin	ppm	0	0	0	
Aluminum	ppm	0 (0	0	
Chromium	ppm	0 ()	○ <1	◯ <1	
Molybdenum	ppm	0 🔘	○ <1	◯ <1	
Nickel	ppm	0 🔘	○ <1	0 10	
Titanium	ppm	<1	<1	0	
Silver	ppm	0	0	0	
Manganese	ppm	<mark></mark> <1	○ <1	◯ <1	
Vanadium	ppm	0	0	<1	

	DITIVES				
Calcium	ppm	0 114	0 122	95	
Magnesium	ppm	0 15	0 15	0 11	
Zinc	ppm	57	68	58	
Phosphorus	ppm	0 769	0 810	546	
Barium	ppm	0	0	0	
Boron	ppm	8	11	0 10	





TERX METALS

119 FIRST ST BROKAW, WI US 54417 Contact: MATT DYMORA terxmaint@gmail.com T: F:

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot:	TERBRO
Unique No:	10806323
Signed:	Don Baldridge
Report Date:	28 Dec 2023

Contact/Location: MATT DYMORA - TERBRO





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GRAPHS

Ferrous Alloys 18 iron 16 m chromium m nickel 14 12 10 ppm 8 6 4 2 0-Jan25/23 Dec14/23 May17/23 Non-ferrous Metals 10 copper 9 nan lead • tin 8 ß mdd 5 3 2 0 May17/23 Jan25/23 Dec14/23 Viscosity @ 40°C 175-Abnormal 170 165 160 155 150 (J) 145-(+) 145-140-Bas 135 130 Abnormal 125 120 115 110 May17/23 -Dec14/23 -Jan25/23

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