



LIEBHERR LH50 138422 - Rear Left Wheel Hub

Sample No: LH0278803

Oil Type: GEAR OIL SAE 75W90

SAMPLE INFORMATION

Sample Number		LH0278803	LH0270225				
Sample Date		21 Jan 2024	12 Oct 2023				
Machine Hours		6157	4805				
Oil Hours		0	0				
Oil Changed		Changed	N/A				
Sample Status		NORMAL	NORMAL				
OIL CONDITION							
Visc @ 40°C	cSt	0 102	0 104				

CONTAMINATION Water % NEG NEG Silicon 0 23 0 12 ppm Sodium 02 01 ppm Potassium ppm 01 ○ <1

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WE/	R METAL	5		
Iron	ppm	0 13	07	
Copper	ppm	08	0 10	
Lead	ppm	02	○ <1	
Tin	ppm	0	0	
Aluminum	ppm	2	○ <1	
Chromium	ppm	0	0	
Molybdenum	ppm	0 🔘	0	
Nickel	ppm	○ <1	○ <1	
Titanium	ppm	0	0	
Silver	ppm	0	<1	
Manganese	ppm	0 🔘	0	
Vanadium	maa	0	0	

٥ **ADDITIVES** Calcium 0 14 ppm 0 10 Magnesium 02 ○ <1 ppm 0 14 Zinc 0 34 ppm Phosphorus ppm 0 1223 0 1217 Barium 0 ppm ○ <1 Boron 0 312 ppm 0 300



LIEBHERR CANADA LTD.

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Diagnosis

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

Depot:	LIEMIS		
Unique No:	5711443		
Signed:	Wes Davis		
Report Date:	22 Jan 2024		

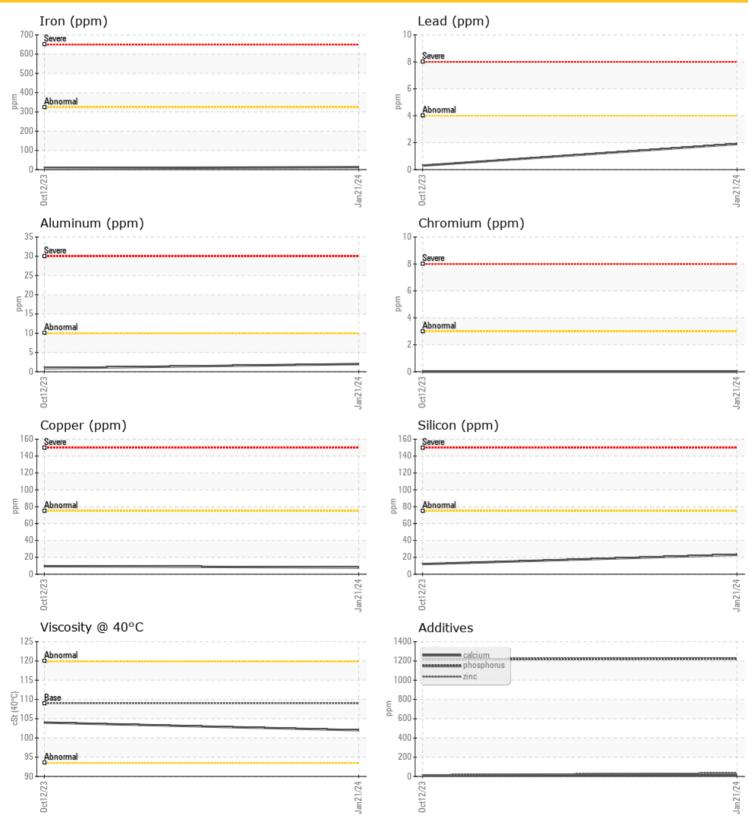
Contact/Location: Steve Lehto - LIEMIS





GRAPHS

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Report Id: LIEMIS [WCAMIS] 02610357 (Generated: 01/22/2024 15:30:32) Rev: 1

Contact/Location: Steve Lehto - LIEMIS