

LIEBHERR LH50M 144587-1216 - Rear Left Wheel Hub

Sample No: LH

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Oil Type: GEAR OIL SAE 80W90

SAMPLE INFORMATION

Sample Number	LH	LH0250062	
Sample Date	12 Dec 2023	23 Mar 2023	
Machine Hours	2050	500	
Oil Hours	0	0	
Oil Changed	Changed	N/A	
Sample Status	NORMAL	NORMAL	
X			

OIL CONDITION Visc @ 40°C cSt 173 145 -- --

Water	%	NEG	NEG		
Silicon	ppm	3	0 12		
Sodium	ppm	04	2		
Potassium	ppm	0	○ <1		

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WEA	R METALS			
			0.00	
Iron	ppm	0 31	20	
Copper	ppm	0 18	07	
Lead	ppm	○ <1	○ <1	
Tin	ppm	0 0	0	
Aluminum	ppm	○ <1	0 1	
Chromium	ppm	0 🔘	○ <1	
Molybdenum	ppm	○ <1	07	
Nickel	ppm	0 0	◯ <1	
Titanium	ppm	0	<1	
Silver	ppm	<1	0	
Manganese	ppm	○ <1	0 1	
Vanadium	ppm	0	0	

ADDITIVES				
Calcium	ppm	5 4	294	
Magnesium	ppm	01	02	
Zinc	ppm	0 25	61	
Phosphorus	ppm	0 2120	0 1644	
Barium	ppm	○ <1	2	
Boron	ppm	0 5	0 10	



Industrial Metals 550 Messier St. Winnipeg, MB CA R2J 0G5 Contact: Service Manager

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 oil. The condition of the oil is acceptable for the time in service.

Depot:	IND550WIN
Unique No:	5696374
Signed:	Wes Davis
Report Date:	14 Dec 2023

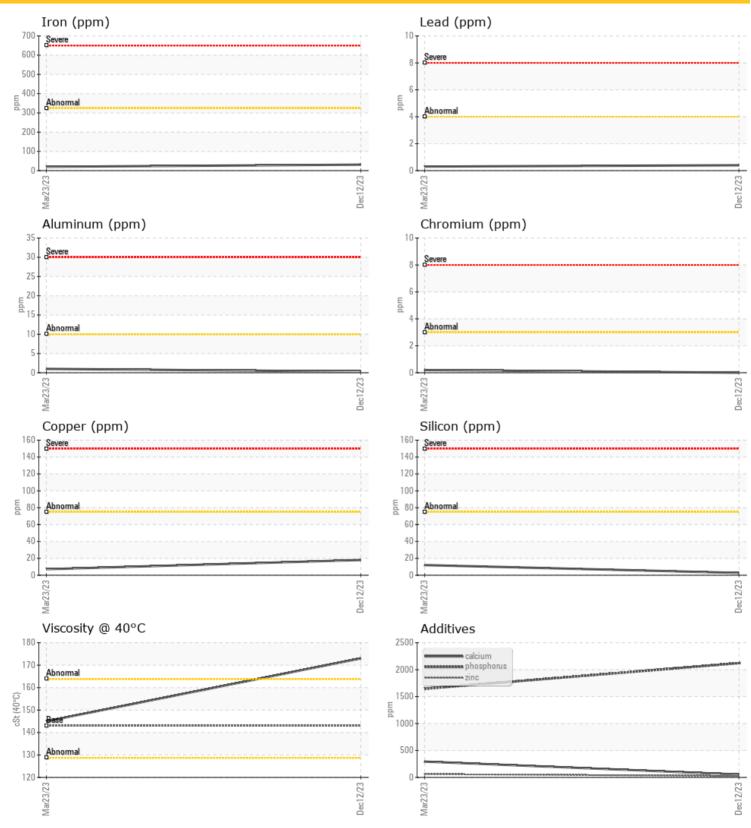
Submitted By: Bastian Firmbach





GRAPHS

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