

LIEBHERR LH50M 144587-1216 - Rear Left Wheel Hub

Sample No: LH

Oil Type: GEAR OIL SAE 80W90

Sample Information

Sample Number	LH	LH	LH0250062	
Sample Date	17 Jun 2024	12 Dec 2023	23 Mar 2023	
Machine Hours	3191	2050	500	
Oil Hours	0	0	0	
Oil Changed	Changed	Changed	N/A	
Sample Status	NORMAL	NORMAL	NORMAL	



Contamination						
Water	%	NEG	NEG	NEG		
Silicon	ppm	01	3	0 12		
Sodium	ppm	02	0 4	2		
Potassium	ppm	<mark>()</mark> <1	0	◯ <1		

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Wea	r Metal	S			
Iron	ppm	0 18	31	20	
Copper	ppm	07	0 18	07	
Lead	ppm	0	◯ <1	◯ <1	
Tin	ppm	0	0	0	
Aluminum	ppm	○ <1	◯ <1	0 1	
Chromium	ppm	0	0	○ <1	
Molybdenum	ppm	0	◯ <1	07	
Nickel	ppm	◯ <1	0	○ <1	
Titanium	ppm	0	0	<1	
Silver	ppm	0	<1	0	
Manganese	ppm	○ <1	○ <1	01	
Vanadium	ppm	0	0	0	

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Calcium	ppm	0 21	54	294	
Magnesium	ppm	○ <1	01	02	
Zinc	ppm	0 12	25	61	
Phosphorus	ppm	○ 2334	2120	0 1644	
Barium	ppm	○ <1	○ <1	2	
Boron	ppm	0 2	○ 5	0 10	





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

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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:
 IND550WIN

 Unique No:
 5800569

 Signed:
 Wes Davis

 Report Date:
 19 Jun 2024

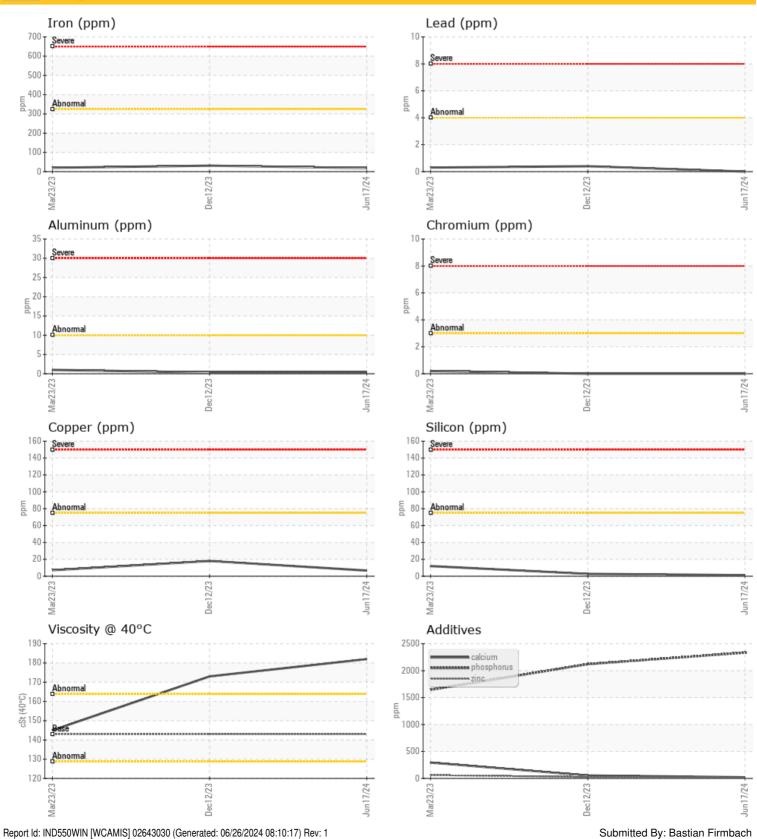
 Submitted By: Bastian Firmbach





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Graphs



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