

# LIEBHERR L586 055862-1334 - Rear Left Wheel Hub

Sample No: LH

Oil Type: GEAR OIL SAE 80W90

# **SAMPLE INFORMATION**

Sample Number		LH	LH0213670	LH	
Sample Date		07 Aug 2023	23 Apr 2022	03 Oct 2020	
Machine Hours		8000	5000	2100	
Oil Hours		0	1100	1100	
Oil Changed		Changed	Changed	Changed	
Sample Status		NORMAL	NORMAL	NORMAL	
OIL CO	NDITION				
Visc @ 40°C	cSt	0 173	0 190	188	
	MINATIC	N			

Silicon	ppm	02	○ 5	13	
Sodium	ppm	0 2	○ 3	○ 5	
Potassium	ppm	<b>○</b> <1	0	◯ <1	

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WEA WEA	<b>AR META</b>	LS			
		<u> </u>	0 450	0.010	
Iron	ppm	0 35	150	0 312	
Copper	ppm	0 32	94	0 101	
Lead	ppm	<b>○</b> <1	03	03	
Tin	ppm	0 2	0 4	5	
Aluminum	ppm	<b>○</b> <1	◯ <1	01	
Chromium	ppm	<b>○</b> <1	0 1	02	
Molybdenum	ppm	0 (	0	0	
Nickel	ppm	0 (	○ <1	○ <1	
Titanium	ppm	0	0	<1	
Silver	ppm	0	0	<1	
Manganese	ppm	<b>○</b> <1	0 4	0 15	
Vanadium	ppm	0	0	<1	

### ٥ **ADDITIVES** Calcium 0 35 ppm 8 🔘 04 Magnesium ppm 02 02 02 Zinc 0 29 0 37 0 128 ppm 0 2277 Phosphorus 0 2402 2451 ppm Barium ppm 0 0 0 Boron ppm 01 ○ <1



### Bird`s Hill Gravel and Stone Ltd.

1 Terracon Place Winnipeg, MB CA R2J 4B3 Contact: Joel Malkoske Jmalkoske@glacialagg.ca T: (204)663-0064 F:

### Diagnosis

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

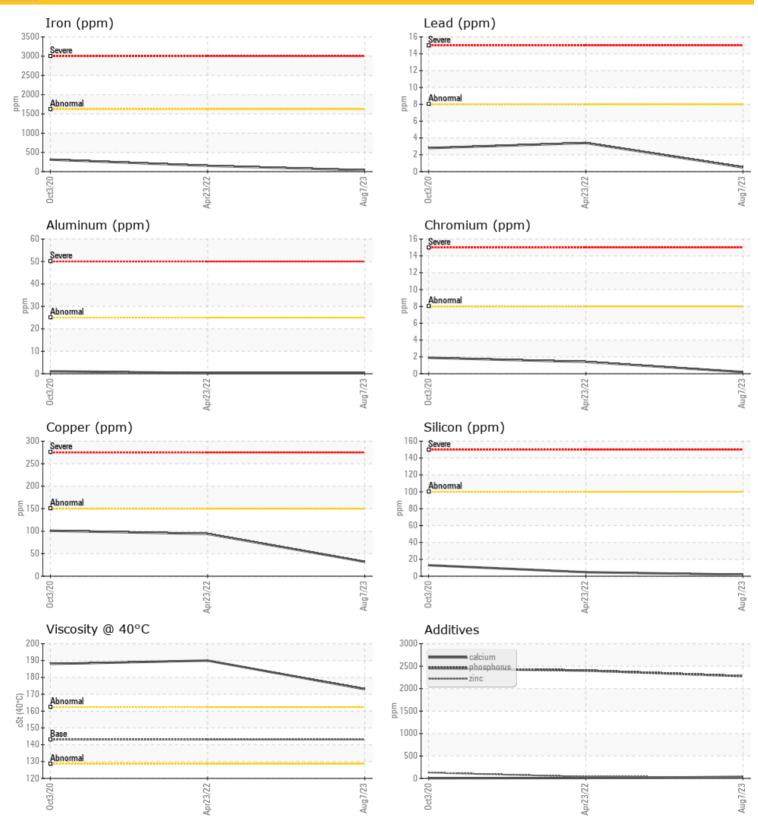
Depot:	BIRWIN
Unique No:	5619664
Signed:	Wes Davis
Report Date:	08 Aug 2023





GRAPHS

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Submitted By: Bastian Firmbach