

LIEBHERR L586 055862-1334 - Rear Right Wheel Hub

Sample No: LH

Oil Type: GEAR OIL SAE 80W90

SAMPLE INFORMATION

Sample Number	LH	LH0213671	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 CONDITION				
Visc @ 40°C cSt	0 173	0 191	187	
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	NTAMIN/	ATION			
Water	%		0.010		
Silicon	ppm	0 2	○ 5	0 13	
Sodium	ppm	0 2	2	○ 5	
Potassium	nnm	0 <1	\bigcirc 0	\bigcirc <1	

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WEA	R METALS				
Iron	ppm	3 6	0 152	308	
Copper	ppm	32	94	0 101	
Lead	ppm	○ <1	3	3	
Tin	ppm	02	04	O 5	
Aluminum	ppm	○ <1	○ <1	01	
Chromium	ppm	<mark>○</mark> <1	02	2	
Molybdenum	ppm	0 ()	0	0	
Nickel	ppm	<mark></mark> <1	○ <1	○ <1	
Titanium	ppm	0	0	<1	
Silver	ppm	<1	0	<1	
Manganese	ppm	○ <1	04	0 15	
Vanadium	ppm	0	0	<1	

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	JIIIVES				
Calcium	ppm	5 0	8	04	
Magnesium	ppm	0 2	01	2	
Zinc	ppm	0 35	37	128	
Phosphorus	ppm	0 2284	2448	2421	
Barium	ppm	0	0	0	
Boron	ppm	0 2	○ <1	0 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:	5619663
Signed:	Wes Davis
Report Date:	08 Aug 2023

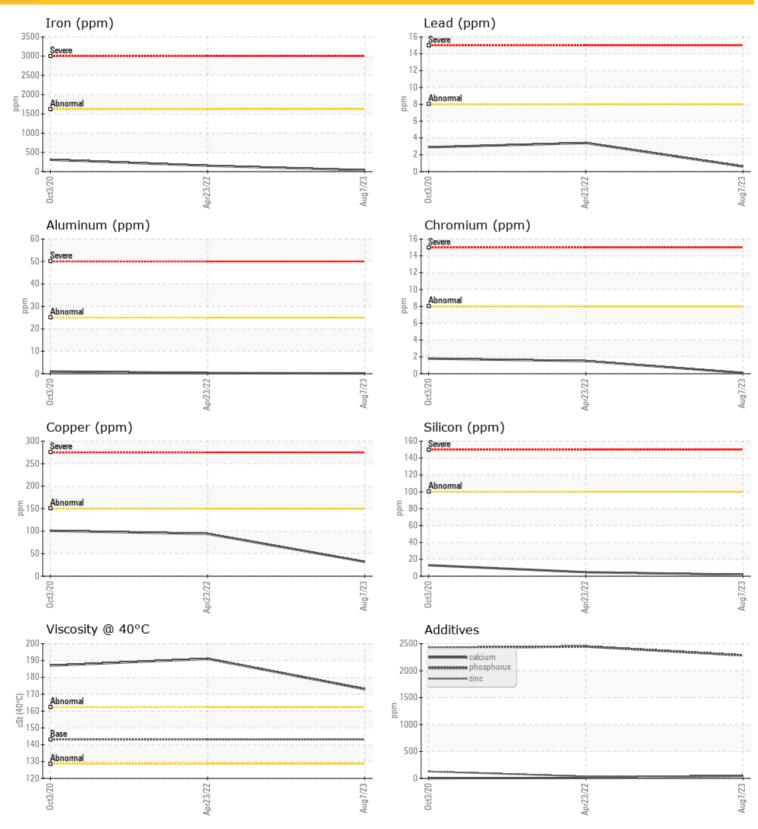
Submitted By: Bastian Firmbach





GRAPHS

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Report Id: BIRWIN [WCAMIS] 02574612 (Generated: 08/08/2023 15:34:16) Rev: 1

Submitted By: Bastian Firmbach