

LIEBHERR L586 055862-1334 - Front Left Wheel Hub

Sample No: LH

Oil Type: GEAR OIL SAE 80W90

SAMPLE INFORMATION

Sample Number	LH	LH0213666	LH		
Sample Date	07 Aug 2023	23 Apr 2022	03 Oct 2020		
Machine Hours	8000	5000	2100		
Oil Hours	0	0	1100		
Oil Changed	Changed	Changed	Changed		
Sample Status	NORMAL	NORMAL	NORMAL		
Visc@40°C cSt	0 175	0 191	189		
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Silicon	ppm	● 4	8	0 12	
Sodium	ppm	0 2	02	○ 5	
Potassium	ppm	○ <1	0	◯ <1	

WEA	R META	LS			
Iron	ppm	0 138	203	396	
Copper	ppm	64	0 143	0 120	
Lead	ppm	0 2	5	0 4	
Tin	ppm	05	0 6	07	
Aluminum	ppm	○ <1	◯ <1	01	
Chromium	ppm	○ <1	0 2	2	
Molybdenum	ppm	0	0	0	
Nickel	ppm	0 🔘	○ <1	◯ <1	
Titanium	ppm	0	0	<1	
Silver	ppm	<1	0	<1	
Manganese	ppm	02	3	0 14	
Vanadium	ppm	0	0	<1	







Bird's Hill Gravel and Stone Ltd.

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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.

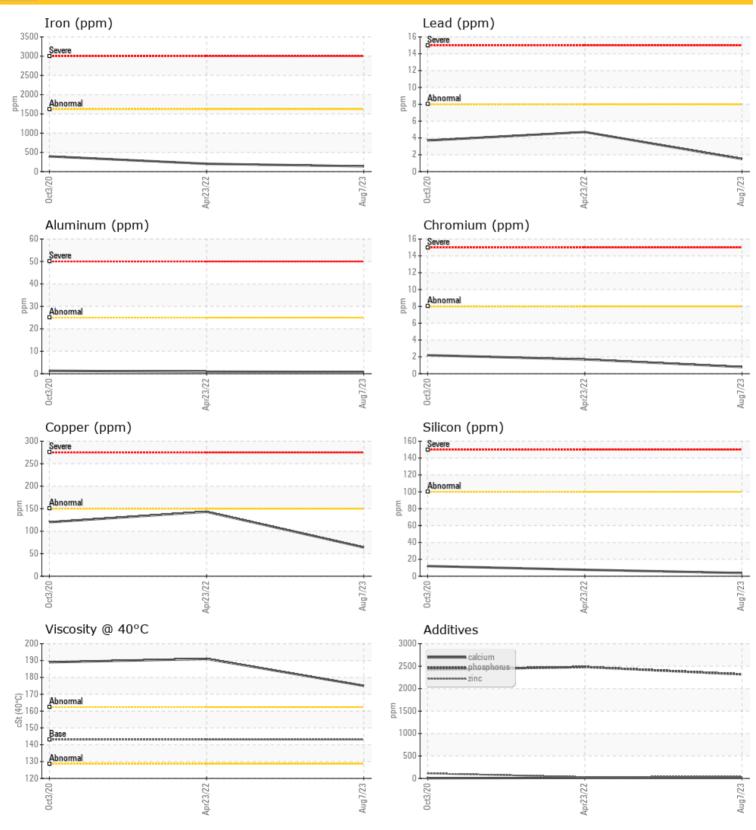
Depot:	BIRWIN
Unique No:	5619659
Signed:	Wes Davis
Report Date:	08 Aug 2023





GRAPHS

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Submitted By: Bastian Firmbach