

LIEBHERR L586 055862-1334 - Front Right Wheel Hub

Sample No: LH0266002

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Oil Type: GEAR OIL SAE 80W90

SAMPLE INFORMATION

Sample Number	LH0266002	LH0213667	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	0 192	188				

CONTAMINATION Silicon ppm 04 8 🔘 0 11 Sodium 02 $\bigcirc 5$ ppm $\bigcirc 2$ 0 <1 0 Potassium 0 < ppm

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WEA	R META	LS			
Iron	ppm	0 141	201	◯ 396	
Copper	ppm	66	0 141	0 120	
Lead	ppm	01	5	0 4	
Tin	ppm	05	0 6	6	
Aluminum	ppm	◯ <1	◯ <1	0 1	
Chromium	ppm	○ <1	0 2	2	
Molybdenum	ppm	0	0	0	
Nickel	ppm	○ <1	○ <1	◯ <1	
Titanium	ppm	0	0	<1	
Silver	ppm	0	0	<1	
Manganese	ppm	0 2	03	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.

	DITIVES				
Calcium	ppm	0 9	0 10	○ 5	
Magnesium	ppm	3	03	2	
Zinc	ppm	0 38	0 30	0 111	
Phosphorus	ppm	0 2308	2475	2418	
Barium	ppm	0	0	0	
Boron	ppm	<mark></mark> <1	○ <1	0 1	

Depot:BIRWINUnique No:5619658Signed:Wes DavisReport Date:08 Aug 2023

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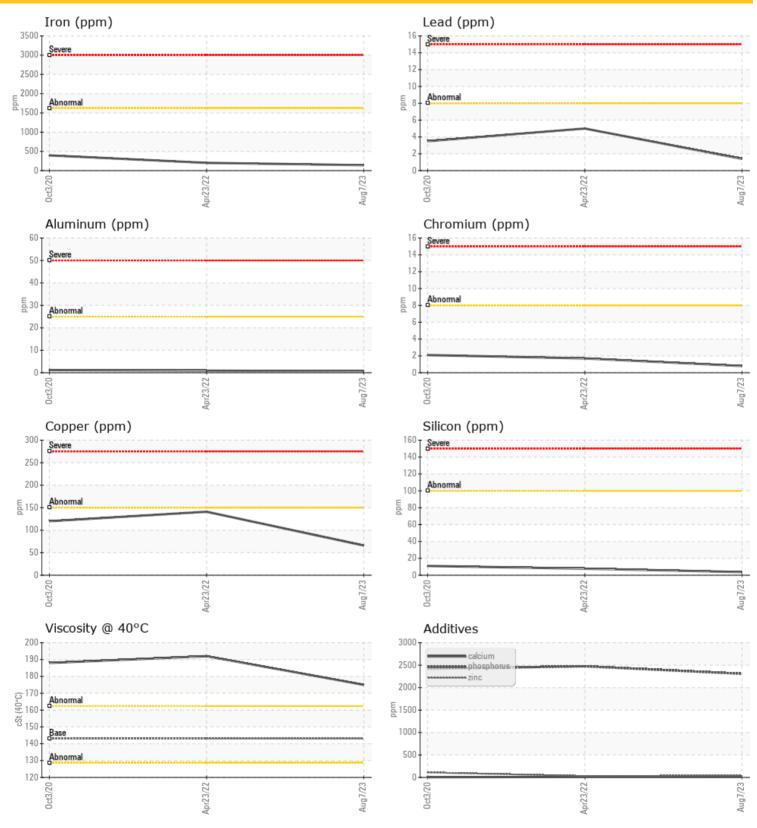
Submitted By: Bastian Firmbach





GRAPHS

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