

[(347076)] LIEBHERR L586 062518-1761 - Front Right Wheel I

Sample No: LH0269538

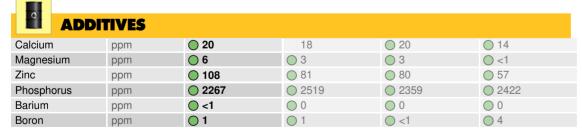
Oil Type: LIEBHERR GEAR BASIC 90 LS

SAMPLE INFORMATION

Sample Number	LH0269538	LH0234510	LH0238544	LH0224200
Sample Date	28 Aug 2023	17 Jan 2023	20 Aug 2022	30 Mar 2022
Machine Hours	7038	5327	4090	2924
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	Changed	Changed
Sample Status	SEVERE	NORMAL	NORMAL	NORMAL
OIL CONDITION				
Visc@40°C cSt	0 175	0 174	0 174	189
**				

CON1	FAMINAT	ION				
Silicon	ppm	3 6	22	0 19	0 12	
Sodium	ppm	04	○ 3	0 4	3	
Potassium	ppm	02	◯ <1	0 1	◯ <1	

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WEA WEA	R META	LS			
Iron	ppm	728	0 421	◯ 320	288
Copper	ppm	0 375	260	0 171	330
Lead	ppm	<u> </u>	6	5	9
Tin	ppm	<u> </u>	0 13	08	0 10
Aluminum	ppm	0 11	6	07	2
Chromium	ppm	05	03	2	2
Molybdenum	ppm	○ <1	0	0	0
Nickel	ppm	○ <1	○ <1	◯ <1	0 1
Titanium	ppm	<1	<1	<1	0
Silver	ppm	0	1	0	0
Manganese	ppm	10	8 🔘	0 10	18
Vanadium	ppm	<1	<1	<1	0





MODERN CONSTRUCTION (1983) LTD.

364 BRIGGS CROSS ROAD STILESVILLE, NB CA E1G 3G3 Contact: Blaine Cail blaine.cail@moderngroup.ca T: F:

Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.Copper ppm levels are severe. Lead and tin ppm levels are abnormal. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot:	MODSTI
Unique No:	5632823
Signed:	Kevin Marson
Report Date:	01 Sep 2023

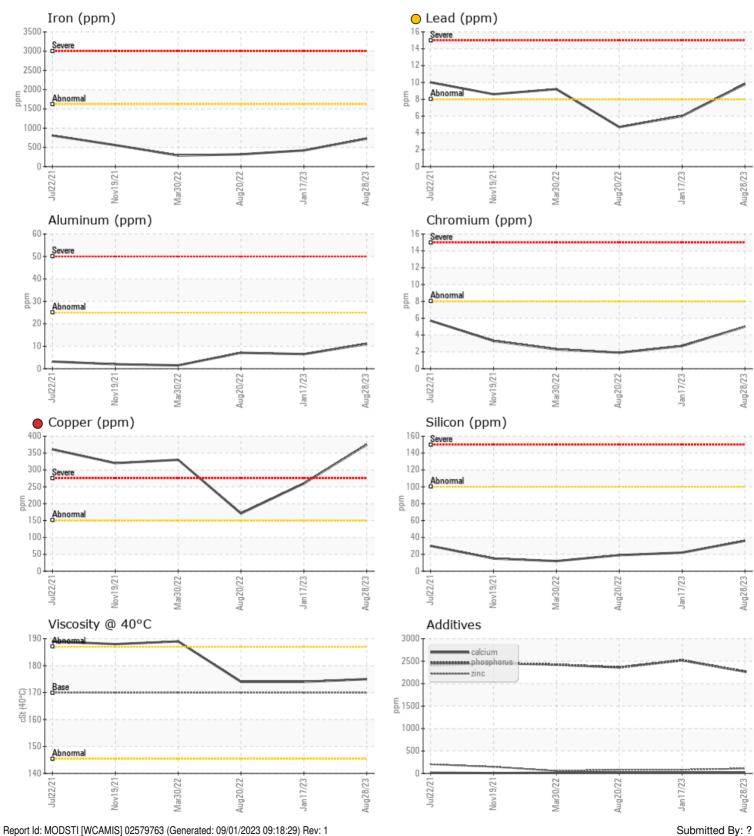
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Submitted By: ?