

LIEBHERR LH30M 137424-1253 - Rear Left Wheel Hub

Sample No: LH0228739

Oil Type: LIEBHERR GEAR BASIC 90 LS

SAMPLE INFORMATION

Sample Number	LH0228739	LH0228727				
Sample Date	21 Jun 2023	25 Nov 2022				
Machine Hours	2000	1000				
Oil Hours	0	0				
Oil Changed	Changed	Changed				
Sample Status	NORMAL	NORMAL				
Visc @ 40°C cSt	64.2	64.6				

Silicon	ppm	8 🔘	07		
Sodium	ppm	0 14	0 14		
Potassium	ppm	2	2		

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Iron	ppm	0 18	0 14	
Copper	ppm	0 11	07	
Lead	ppm	○ <1	◯ <1	
Tin	ppm	0	0	
Aluminum	ppm	01	◯ <1	
Chromium	ppm	<mark>○</mark> <1	○ <1	
Molybdenum	ppm	0 (0	
Nickel	ppm	○ <1	○ <1	
Titanium	ppm	0	<1	
Silver	ppm	0	0	
Manganese	ppm	02	2	
Vanadium	ppm	0	0	



ADDITIVES

Calcium	ppm	3566	3686	
Magnesium	ppm	0 12	0 10	
Zinc	ppm	1430	1404	
Phosphorus	ppm	1201	1217	
Barium	ppm	○ <1	○ <1	
Boron	ppm	106	103	





CAC ENTERPRISES GROUP INC.

2411 76th AVE EDMONTON, AB CA T6P 1P6 Contact: Melody Cui melody.cui@cacindustrials.com T: F:

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. Viscosity of sample indicates oil is within SAE 80 range, advise investigate. The condition of the oil is acceptable for the time in service.

Depot:CAC24Unique No:562080Signed:Kevin IReport Date:14 Aug

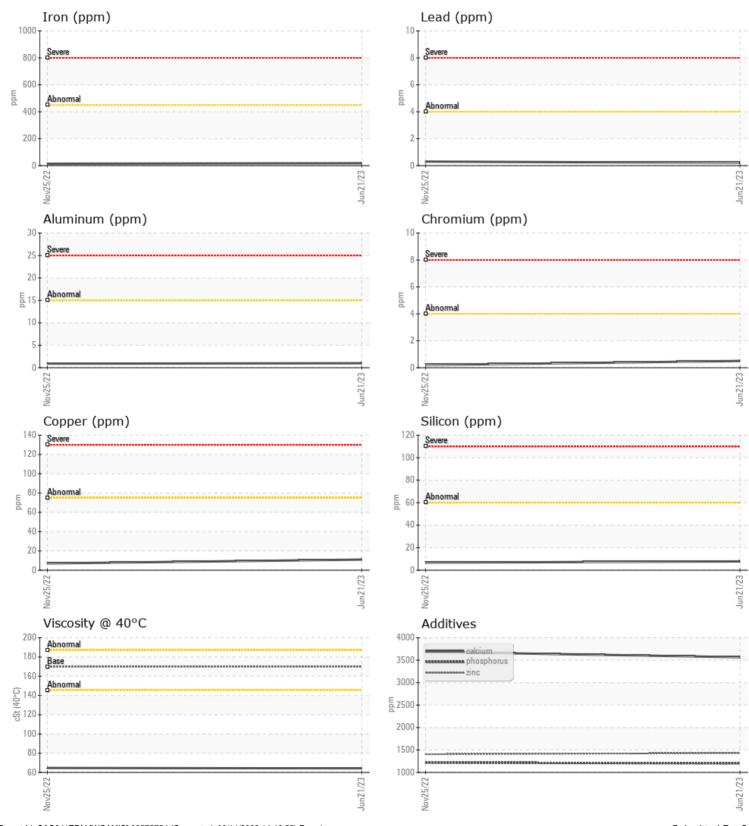
CAC241EDM 5620805 Kevin Marson 14 Aug 2023





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