

LIEBHERR LH30M 137424-1253 - Rear Differential

Sample No: LH0228731

Oil Type: LIEBHERR GEAR BASIC 90 LS

SAMPLE INFORMATION

	Sample Number		LH0228731	LH0228719		
	Sample Date	Sample Date		25 Nov 2022		
	Machine Hours		2000	1000		
	Oil Hours		0	0		
	Oil Changed		Changed	Changed		
	Sample Status		NORMAL	ABNORMAL		
OIL CONDITION						
	Visc @ 40°C	cSt	63.9	0 67.5		

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CONT	AMINATIC	N		
Silicon	ppm	8	8	
Sodium	ppm	0 15	0 14	
Potassium	maa	02	02	

WEAR METALS					
Iron	ppm	0 17	0 15		
Copper	ppm	0 10	07		
Lead	ppm	0	◯ <1		
Tin	ppm	0 ()	0		
Aluminum	ppm	01	0 1		
Chromium	ppm	○ <1	○ <1		
Molybdenum	ppm	0 🔘	0		
Nickel	ppm	○ <1	○ <1		
Titanium	ppm	0	<1		
Silver	ppm	0	0		
Manganese	ppm	3	2		
Vanadium	maa	0	0		



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ADDITIVES

Calcium	ppm	3593	3621	
Magnesium	ppm	0 10	0 10	
Zinc	ppm	1451	1404	
Phosphorus	ppm	1219	1210	
Barium	ppm	○ <1	○ <1	
Boron	ppm	108	102	





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. The condition of the oil is acceptable for the time in service.

Depot:	CAC
Unique No:	5620
Signed:	Wes
Report Date:	14 Aı

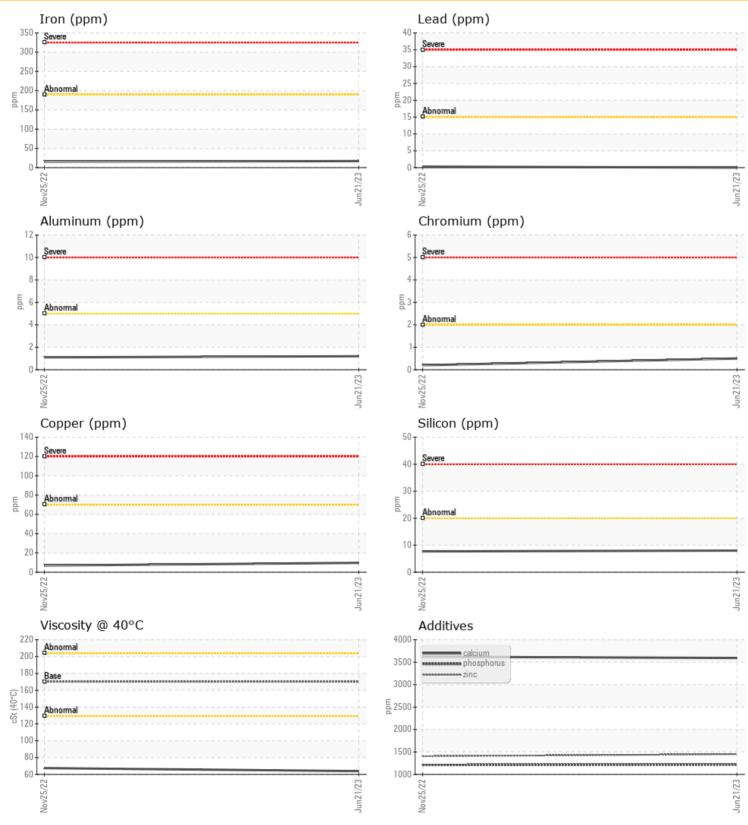
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