# CONSTRUCTION EQUIPMENT

## LIEBHERR LH50M 144157-1216 - Front Left Wheel Hub

Sample No: LH0255446

Oil Type: LIEBHERR SYNTOGEAR PLUS 75W-90

## SAMPLE INFORMATION

Sample Number	LH0255446	LH0225082	 
Sample Date	17 Nov 2023	15 Feb 2023	 
Machine Hours	2077	472	 
Oil Hours	0	0	 
Oil Changed	N/A	Changed	 
Sample Status	NORMAL	NORMAL	 
Visc @ 40°C cSt	0 122	0 143	 
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	NTAMINA	TION		
Water	%	NEG	NEG	 
Silicon	ppm	0 21	◯ 30	 
Sodium	ppm	04	5	 
Potassium	maa	0 <1	$\bigcirc$ 3	 

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WEA	R METALS	5		
Iron	ppm	63	0 41	 
Copper	ppm	0 26	0 15	 
Lead	ppm	01	○ <1	 
Tin	ppm	0 🔘	○ <1	 
Aluminum	ppm	02	3	 
Chromium	ppm	0 🔘	○ <1	 
Molybdenum	ppm	<b>5</b>	8 🔘	 
Nickel	ppm	<b>○</b> <1	○ <1	 
Titanium	ppm	0	<1	 
Silver	ppm	<1	0	 
Manganese	ppm	02	0 2	 
Vanadium	ppm	0	0	 

٥ **ADDITIVES** Calcium 0 142 ppm 286 02 Magnesium 02 ppm 071 Zinc 0 59 ppm Phosphorus ppm 0 1299 0 1546 Barium ○ <1 ppm ○ <1 Boron 06 ppm 0 91





### CALGARY METALS (1985) LTD.

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#### Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot:	CAL
Unique No:	5696
Signed:	Wes
Report Date:	18 D

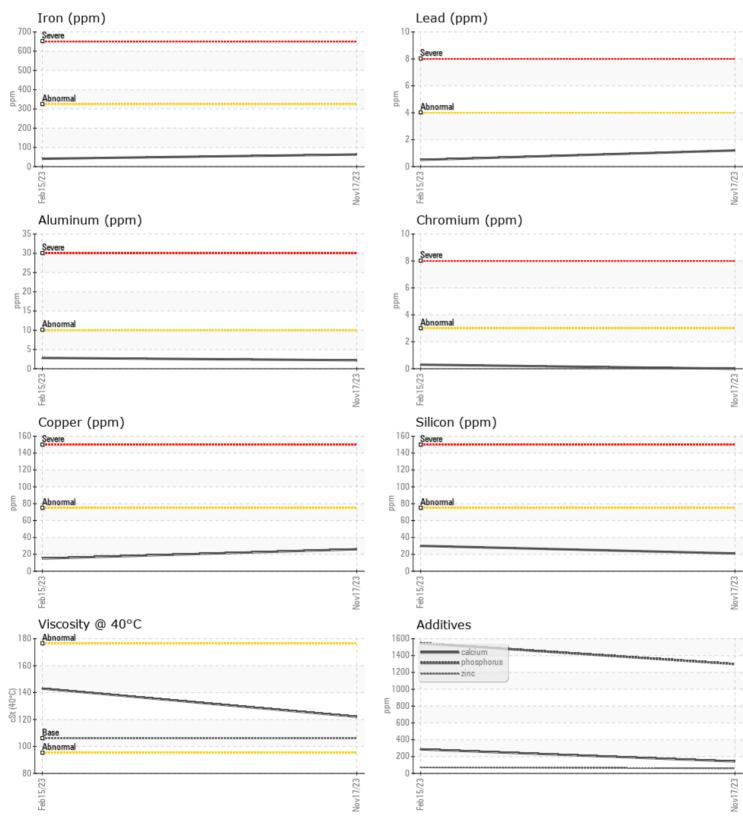
AL341CAL 596993 Jes Davis 3 Dec 2023





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