

## LIEBHERR LH30M 153712-1253 - Front Left Wheel Hub

Sample No: LH

0

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

**Additives** 

ppm

ppm

ppm

ppm

ppm

ppm

Oil Type: LIEBHERR GEAR BASIC 90 LS

### **Sample Information**

Sample Number	LH	LH	 	
Sample Date	30 Apr 2024	14 Dec 2023	 	
Machine Hours	1001	500	 	
Oil Hours	0	0	 	
Oil Changed	Changed	Changed	 	
Sample Status	ABNORMAL	ABNORMAL	 	



Con	taminat	ion		
Water	%	NEG	NEG	 
Silicon	ppm	07	0 4	 
Sodium	ppm	0 9	0 17	 
Potassium	maa	0 10	$\bigcirc$ 0	 

Ä				
Wee Wee	ar Metal	S		
Iron	ppm	0 59	0 42	 
Copper	ppm	0 5	0 9	 
Lead	ppm	0	◯ <1	 
Tin	ppm	0	0	 
Aluminum	ppm	<b>○</b> <1	◯ <1	 
Chromium	ppm	<b>○</b> <1	○ <1	 
Molybdenum	ppm	0	0	 
Nickel	ppm	0	○ <1	 
Titanium	ppm	0	0	 
Silver	ppm	0	<1	 
Manganese	ppm	01	◯ <1	 
Vanadium	ppm	0	0	 

3577

1432

1130

105

09

02

# CA G7H 8B9 Contact: Service Manager

2205 de la Fonderie Chicoutimi, QC

Innovation Industrielle Boivin Inc.

#### 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. Viscosity of sample indicates oil is within SAE 90 range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The condition of the oil is acceptable for the time in service.

Depot:	INN220CHI	
Unique No:	5774401	
Signed:	Kevin Marson	
Report Date:	03 May 2024	
Submitted By: Marie-Eve Belley		

917

395

0 1920

○ <1

021

04

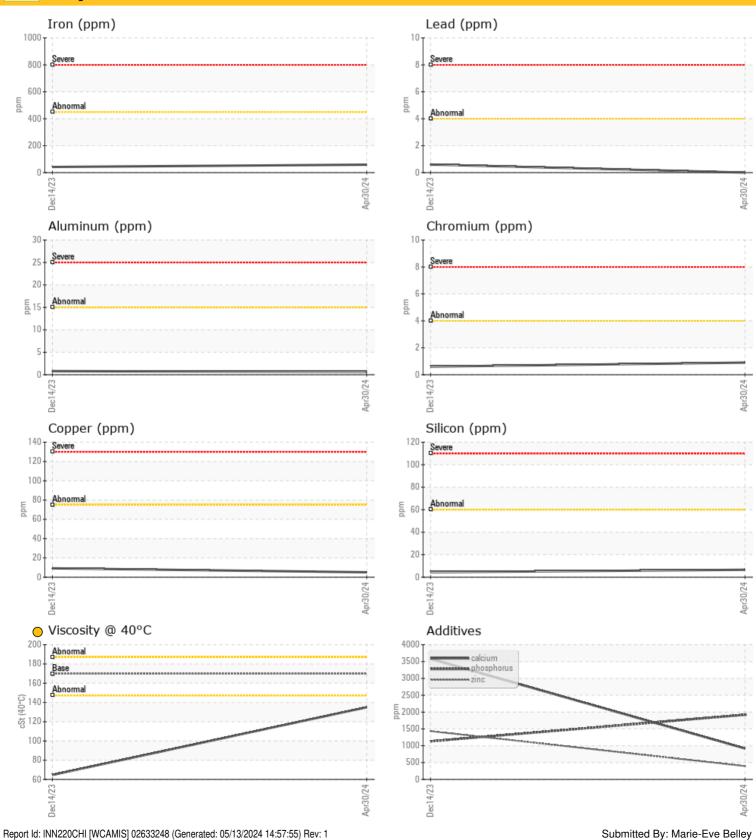


# **LEBHERR CONSTRUCTION EQUIPMENT**



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Graphs



Submitted By: Marie-Eve Belley Page 2 of 2