# CONSTRUCTION EQUIPMENT

## LIEBHERR LH30M 112545-1253 - Rear Left Wheel Hub

Sample No: LH0291261

Oil Type: GEAR OIL SAE 75W90

### Sample Information

Sample Number		LH0291261	LH0270121	LH0247488	LH0239540
Sample Date		06 May 2024	27 Sep 2023	13 Dec 2022	14 Aug 2022
Machine Hours		15168	1297	10473	9604
Oil Hours		0	0	0	0
Oil Changed		Changed	Changed	Changed	Changed
Sample Status		NORMAL	NORMAL	NORMAL	NORMAL
Oil Co	ndition				
Visc @ 40°C	cSt	0 105	0 103	99.9	0 104

Contamination						
Water	%	NEG	NEG	NEG	NEG	
Silicon	ppm	0	01	01	0 1	
Sodium	ppm	<b>()</b> <1	0 1	○ <1	◯ <1	
Potassium	ppm	0	0	0	0	

Ä							
Wear	Wear Metals						
Iron	ppm	<b>2</b>	2	3	2		
Copper	ppm	<mark></mark> <1	○ <1	○ <1	○ <1		
Lead	ppm	0	0	○ <1	0		
Tin	ppm	0	0	0	0		
Aluminum	ppm	0	0	○ <1	0		
Chromium	ppm	0 ()	0	0	0		
Molybdenum	ppm	0	0	0	○ <1		
Nickel	ppm	0 ()	○ <1	0	○ <1		
Titanium	ppm	0	0	0	0		
Silver	ppm	0	<1	0	<1		
Manganese	ppm	0 🔘	0	0	0		
Vanadium	ppm	0	0	0	0		

AdditivesCalciumppm1314Magnesiumppm11

Magnesium	ppm	01	01	2	01
Zinc	ppm	09	8	07	0 10
Phosphorus	ppm	<b>O</b> 1199	0 1237	0 1304	0 1237
Barium	ppm	0	○ <1	0	0
Boron	ppm	0 311	0 301	319	311





#### **GREEN METALS CANADA**

224 BEARDS LANE WOODSTOCK, ON CA N4S 7W3 Contact: Jamie Depotie jdepotie@gmcan.ca T: (519)539-1313 F: (519)539-5130

### Diagnosis

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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.

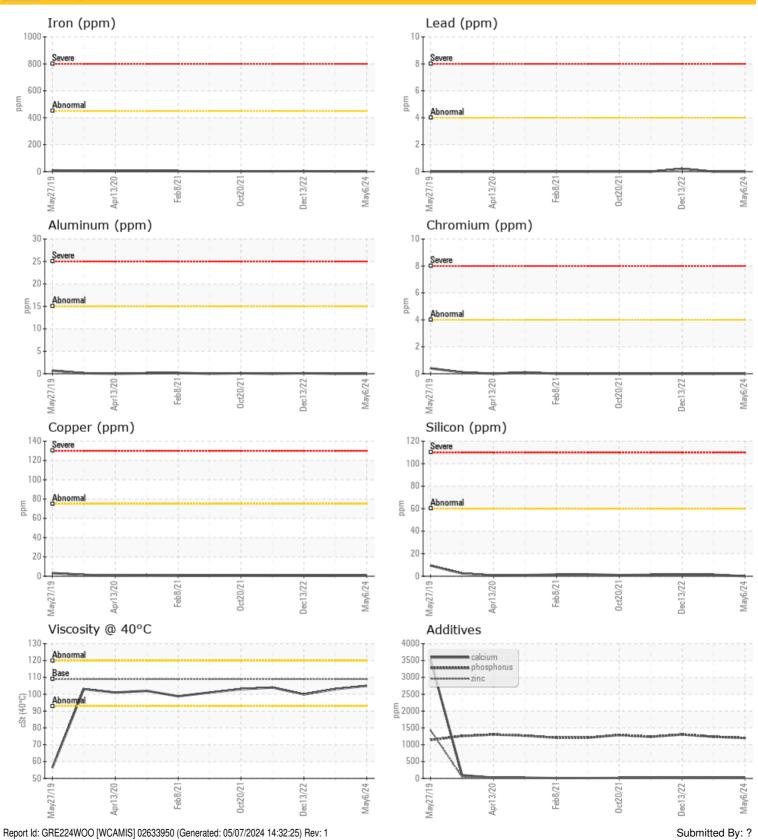
Depot: GRE224WOO Unique No: 5775103 Signed: Wes Davis Report Date: 07 May 2024 Submitted By: ?





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Graphs



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