# 31 E R R **CONSTRUCTION EQUIPMENT**

## [[20230458]] LIEBHERR LH30M 145272-1253 - Rear Differen

Sample No: LH0250160

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**Oil Type:** GEAR OIL SAE 80W90

### **SAMPLE INFORMATION**

Sample Number	LH0250160	LH0250172	 
Sample Date	08 Sep 2023	05 Jun 2023	 
Machine Hours	1004	500	 
Oil Hours	0	500	 
Oil Changed	Changed	Changed	 
Sample Status	NORMAL	NORMAL	 

#### **OIL CONDITION** Visc @ 40°C cSt 0 184 0 64.7

<b>11</b>						
Silicon	ppm	<b>2</b>	8 🔘			
Sodium	ppm	0 2	0 15			
Potassium	ppm	◯ <1	01			

<b>A</b>				
WEA WEA	R METALS	5		
Iron	ppm	04	0 10	 
Copper	ppm	<b>○</b> <1	0 4	 
Lead	ppm	<b>○</b> <1	○ <1	 
Tin	ppm	0 ()	0 0	 
Aluminum	ppm	<b>○</b> <1	○ <1	 
Chromium	ppm	0 🔘	○ <1	 
Molybdenum	ppm	0	0	 
Nickel	ppm	<b>○</b> <1	○ <1	 
Titanium	ppm	0	<1	 
Silver	ppm	0	0	 
Manganese	ppm	<b>○</b> <1	2	 
Vanadium	ppm	0	0	 

#### **ADDITIVES** Calcium 0 195 ppm 0 3779 Magnesium ppm 01 0 11 Zinc 88 🔘 0 1426 ppm Phosphorus 0 2272 0 1224 ppm Barium ppm 0 ○ <1 Boron 0 99



### **Industrial Metals** 550 Messier St. Winnipeg, MB CA R2J 0G5 Contact: Service Manager

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### Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

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: Unique No: Signed: **Report Date:** 

IND550WIN 5645173 Wes Davis 21 Sep 2023

05

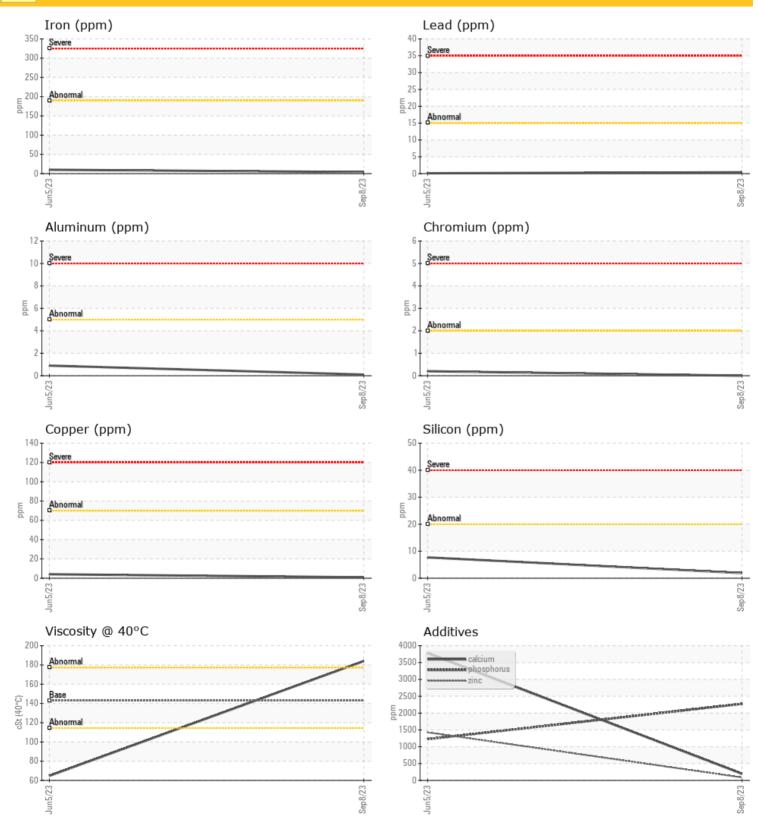
ppm





GRAPHS

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