

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60M 145585-1217 - Front Left Wheel Hub

Sample No: LH0259484

Oil Type: SAE 75W90



**RICHMOND STEEL RECYCLING**  
 11760 MITCHELL ROAD  
 RICHMOND, BC  
 CA V6V 1V8  
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#### SAMPLE INFORMATION

Sample Number	LH0259484	---	---	---
Sample Date	23 Aug 2023	---	---	---
Machine Hours	1112	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	172	---	---	---
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#### CONTAMINATION

Silicon	ppm	● <1	---	---	---
Sodium	ppm	● 3	---	---	---
Potassium	ppm	● <1	---	---	---



#### WEAR METALS

Iron	ppm	● 22	---	---	---
Copper	ppm	● 5	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 1	---	---	---
Vanadium	ppm	● 0	---	---	---



#### ADDITIVES

Calcium	ppm	● 9	---	---	---
Magnesium	ppm	● 1	---	---	---
Zinc	ppm	● 13	---	---	---
Phosphorus	ppm	● 1361	---	---	---
Barium	ppm	● 258	---	---	---
Boron	ppm	● 31	---	---	---

#### Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. There is no indication of any contamination in the oil. Viscosity of sample indicates oil is within SAE 90 range, advise investigate. The condition of the oil is acceptable for the time in service.

**Depot:** RIC117RIC  
**Unique No:** 5642601  
**Signed:** Kevin Marson  
**Report Date:** 14 Sep 2023



### GRAPHS

