

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 142304-1216 - Rear Left Wheel Hub

Sample No: LH0248057

Oil Type: LIEBHERR GEAR BASIC 90 LS



**PRODUITS FORESTIERS D.G. LTEE**  
 313 RANG ST-JOSEPH  
 STE-AURELIE, QC  
 CA G0M 1M0  
 Contact: Roger .

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#### 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. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.



#### SAMPLE INFORMATION

Sample Number	LH0248057	---	---	---
Sample Date	25 Jul 2023	---	---	---
Machine Hours	3000	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	● 187	---	---	---
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#### CONTAMINATION

Silicon	ppm	● 5	---	---	---
Sodium	ppm	● 3	---	---	---
Potassium	ppm	● <1	---	---	---



#### WEAR METALS

Iron	ppm	● 86	---	---	---
Copper	ppm	● 14	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 1	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	23	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	21	---	---	---
Phosphorus	ppm	● 2343	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 3	---	---	---

**Depot:** PRO9STE  
**Unique No:** 5618106  
**Signed:** Wes Davis  
**Report Date:** 28 Jul 2023



### GRAPHS

