

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 54868 - Right Final Drive

Sample No: LH0260721

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0260721	---	---	---
Sample Date	28 Aug 2023	---	---	---
Machine Hours	997	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**Delsan - American Iron and Metal**  
 2187 Montee Masson  
 Laval, QC  
 CA H7B 0A6  
 Contact: MANNY MARQUES  
 mmarques@delsan-aim.com  
 T:  
 F:



#### OIL CONDITION

Visc @ 40°C	cSt	● 199	---	---	---
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#### CONTAMINATION

Silicon	ppm	● 999	---	---	---
Sodium	ppm	● 49	---	---	---
Potassium	ppm	● 97	---	---	---



#### WEAR METALS

PQ		● 993	---	---	---
Iron	ppm	● 1428	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 269	---	---	---
Chromium	ppm	● 21	---	---	---
Molybdenum	ppm	● 1	---	---	---
Nickel	ppm	● 5	---	---	---
Titanium	ppm	● 17	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 16	---	---	---
Vanadium	ppm	● <1	---	---	---



#### ADDITIVES

Calcium	ppm	● 574	---	---	---
Magnesium	ppm	● 76	---	---	---
Zinc	ppm	● 15	---	---	---
Phosphorus	ppm	● 2105	---	---	---
Barium	ppm	● 5	---	---	---
Boron	ppm	● 5	---	---	---

#### Diagnosis

The oil change at the time of sampling has been noted. 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. The condition of the oil is acceptable for the time in service.

**Depot:** DEL782MON  
**Unique No:** 5632234  
**Signed:** Kevin Marson  
**Report Date:** 30 Aug 2023



### GRAPHS

