

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L580 070558-1762 - Rear Differential

Sample No: LH0275614

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0275614	---	---	---
Sample Date	02 Jan 2024	---	---	---
Machine Hours	797	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**HUBERT ET FILS INC**  
 1012 CHEMIN DE PARC INDUSTRIEL  
 BOIS-FRANC, QC  
 CA J9E 3A9  
 Contact: Service Manager



#### OIL CONDITION

Visc @ 40°C	cSt	● 194	---	---	---
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T:  
F:



#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 25	---	---	---
Sodium	ppm	● 10	---	---	---
Potassium	ppm	● 1	---	---	---

#### 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. The condition of the oil is acceptable for the time in service.



#### WEAR METALS

Iron	ppm	● 272	---	---	---
Copper	ppm	● 115	---	---	---
Lead	ppm	● 3	---	---	---
Tin	ppm	● 12	---	---	---
Aluminum	ppm	● 3	---	---	---
Chromium	ppm	● 2	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 1	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 48	---	---	---
Vanadium	ppm	● 0	---	---	---



#### ADDITIVES

Calcium	ppm	● 9	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 134	---	---	---
Phosphorus	ppm	● 2286	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 1	---	---	---

**Depot:** HUB101BOI  
**Unique No:** 5710216  
**Signed:** Kevin Marson  
**Report Date:** 16 Jan 2024



### GRAPHS

