

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L556 065678-1826 - Front Differential

Sample No: LH0232601

Oil Type: GEAR OIL SAE 80W90



#### SAMPLE INFORMATION

Sample Number	LH0232601	LH	---	---
Sample Date	31 Jul 2023	26 Apr 2023	---	---
Machine Hours	3914	3418	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	N/A	---	---
Sample Status	NORMAL	ABNORMAL	---	---

**BOIS LIB INC.**  
 275 RUE JEREMIE-PACAUD  
 PRINCEVILLE, QC  
 CA G6L 0A1  
 Contact: Service Manager



#### OIL CONDITION

Visc @ 40°C	cSt	● 187	● 97.2	---	---
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T:  
F:



#### CONTAMINATION

Silicon	ppm	● 3	● 21	---	---
Sodium	ppm	● <1	● 6	---	---
Potassium	ppm	● <1	● 0	---	---

#### 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.



#### WEAR METALS

Iron	ppm	● 56	● 642	---	---
Copper	ppm	● 68	● 289	---	---
Lead	ppm	● 2	● 7	---	---
Tin	ppm	● 3	● 24	---	---
Aluminum	ppm	● <1	● 1	---	---
Chromium	ppm	● <1	● 3	---	---
Molybdenum	ppm	● 0	0	---	---
Nickel	ppm	● 1	● 6	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	● 2	26	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	● 4	10	---	---
Magnesium	ppm	● <1	2	---	---
Zinc	ppm	● 22	127	---	---
Phosphorus	ppm	● 2402	3231	---	---
Barium	ppm	● 0	0	---	---
Boron	ppm	● 14	212	---	---

**Depot:** LIBPRI  
**Unique No:** 5643651  
**Signed:** Wes Davis  
**Report Date:** 14 Sep 2023



### GRAPHS

