

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 065678-1826 - Front Left Wheel Hub

Sample No: LH0232596

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0232596	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	SEVERE	---	---

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	● 5	---	---
Potassium	ppm	● 0	● 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

PQ		---	● 141	---	---
Iron	ppm	● 54	● 628	---	---
Copper	ppm	● 65	● 283	---	---
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	● 12	10	---	---
Magnesium	ppm	● <1	2	---	---
Zinc	ppm	● 24	127	---	---
Phosphorus	ppm	● 2390	3191	---	---
Barium	ppm	● 0	0	---	---
Boron	ppm	● 14	209	---	---

Depot: LIBPRI
Unique No: 5643647
Signed: Kevin Marson
Report Date: 15 Sep 2023



GRAPHS

