

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 090077 - Front Left Wheel Hub

Sample No: LH0276286

Oil Type: GEAR OIL SAE 75W90



**ELG Canada**  
 4375 CORPORATE DRIVE  
 BURLINGTON, ON  
 CA L7L 5P7  
 Contact: Service Manager

T:  
 F: (905)335-9687



#### Sample Information

Sample Number	LH0276286	LH	---	---
Sample Date	16 Apr 2024	05 Jan 2022	---	---
Machine Hours	6756	5072	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



#### Oil Condition

Visc @ 40°C	cSt	● 102	● 100	---	---
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#### Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	● 0	● 2	---	---
Sodium	ppm	● 4	● 8	---	---
Potassium	ppm	● 0	● <1	---	---



#### Wear Metals

Iron	ppm	● 11	● 27	---	---
Copper	ppm	● 3	● 6	---	---
Lead	ppm	● 0	● <1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	● 0	● <1	---	---
Chromium	ppm	● 0	● <1	---	---
Molybdenum	ppm	● 0	● 0	---	---
Nickel	ppm	● 0	● <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	● 0	● <1	---	---
Vanadium	ppm	0	0	---	---



#### Additives

Calcium	ppm	● 40	● 191	---	---
Magnesium	ppm	● 1	● 3	---	---
Zinc	ppm	● 19	● 42	---	---
Phosphorus	ppm	● 1233	● 1370	---	---
Barium	ppm	● <1	● <1	---	---
Boron	ppm	● 311	● 312	---	---

#### Diagnosis

Resample at the next service interval to monitor. 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.

**Depot:** STR437BUR  
**Unique No:** 5762915  
**Signed:** Wes Davis  
**Report Date:** 18 Apr 2024



### Graphs

