

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60M 152978 - Front Left Wheel Hub

Sample No: LH0288198

Oil Type: LIEBHERR GEAR BASIC 90 LS



**LIEBHERR CANADA LTD.**  
 1015 SUTTON DRIVE  
 BURLINGTON, ON  
 CA L7L 5Z8  
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#### Sample Information

Sample Number	LH0288198	LH0224304	---	---
Sample Date	09 Apr 2024	15 Feb 2024	---	---
Machine Hours	1107	556	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



#### Oil Condition

Visc @ 40°C	cSt	147	136	---	---
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#### Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	0	<1	---	---
Sodium	ppm	3	4	---	---
Potassium	ppm	<1	<1	---	---



#### Wear Metals

Iron	ppm	55	36	---	---
Copper	ppm	2	2	---	---
Lead	ppm	0	0	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	<1	---	---
Vanadium	ppm	0	0	---	---



#### Additives

Calcium	ppm	6	9	---	---
Magnesium	ppm	1	2	---	---
Zinc	ppm	11	12	---	---
Phosphorus	ppm	1901	1784	---	---
Barium	ppm	1	1	---	---
Boron	ppm	88	127	---	---

#### 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: LIEMIS  
 Unique No: 5774029  
 Signed: Wes Davis  
 Report Date: 02 May 2024



### Graphs

