

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60M 152978 -Rear Axle

Sample No: LH0288194

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	LH0288194	LH0224303	---	---
Sample Date	09 Apr 2024	15 Feb 2024	---	---
Machine Hours	1107	556	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	ABNORMAL	NORMAL	---	---



#### Oil Condition

Visc @ 40°C	cSt	● 173	● 137	---	---
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#### Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	● 0	● 3	---	---
Sodium	ppm	● 1	● 5	---	---
Potassium	ppm	● <1	● <1	---	---



#### Wear Metals

Iron	ppm	● 14	● 8	---	---
Copper	ppm	● 2	● 2	---	---
Lead	ppm	● 0	● <1	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● 0	● <1	---	---
Chromium	ppm	● 0	● 0	---	---
Molybdenum	ppm	● 0	● 0	---	---
Nickel	ppm	● 0	● 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	● <1	● 0	---	---
Vanadium	ppm	0	0	---	---



#### Additives

Calcium	ppm	● 1	● 15	---	---
Magnesium	ppm	● <1	● 2	---	---
Zinc	ppm	● 3	● 11	---	---
Phosphorus	ppm	● 2240	● 1833	---	---
Barium	ppm	● <1	● 3	---	---
Boron	ppm	● 23	● 134	---	---

#### Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. All component wear rates are normal. Free water present. The oil is no longer serviceable due to the presence of contaminants.

Depot: LIEMIS  
 Unique No: 5774030  
 Signed: Kevin Marson  
 Report Date: 02 May 2024



### Graphs

