

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60M 152978 - Splitter Box

Sample No: LH0288200

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	LH0288200	LH0224299	---	---
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	● 191	● 195	---	---
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#### Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	● 1	● 2	---	---
Sodium	ppm	● 3	● 3	---	---
Potassium	ppm	● 1	● 1	---	---



#### Wear Metals

Iron	ppm	● 35	● 22	---	---
Copper	ppm	● 1	● <1	---	---
Lead	ppm	● 0	● 0	---	---
Tin	ppm	● 0	● 0	---	---
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	● 1	● <1	---	---
Vanadium	ppm	0	0	---	---



#### Additives

Calcium	ppm	35	● 19	---	---
Magnesium	ppm	● 2	● 2	---	---
Zinc	ppm	24	● 13	---	---
Phosphorus	ppm	1520	● 1601	---	---
Barium	ppm	● <1	● 0	---	---
Boron	ppm	● 1	● 1	---	---

#### Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.

Depot: LIEMIS  
 Unique No: 5774032  
 Signed: Wes Davis  
 Report Date: 02 May 2024



### Graphs

