

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50 156991 - Splitter Box

Sample No: LH0289725

Oil Type: GEAR OIL SAE 80W90



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

Sample Number	LH0289725	LH0285075	---	---
Sample Date	21 Apr 2024	04 Mar 2024	---	---
Machine Hours	1662	1005	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



#### Oil Condition

Visc @ 40°C	cSt	● 116	● 188	---	---
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#### Contamination

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



#### Wear Metals

Iron	ppm	● 13	● 19	---	---
Copper	ppm	● <1	● 2	---	---
Lead	ppm	● 0	● 0	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● 0	● <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	● 17	● 26	---	---
Magnesium	ppm	● 2	● 2	---	---
Zinc	ppm	● 20	● 27	---	---
Phosphorus	ppm	● 1175	● 1299	---	---
Barium	ppm	● <1	● <1	---	---
Boron	ppm	● 186	● <1	---	---

#### 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: 5763822  
 Signed: Wes Davis  
 Report Date: 22 Apr 2024



### Graphs

