

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 10072 - Left Final Drive

Sample No: LH0270528

Oil Type: {unknown}



#### SAMPLE INFORMATION

Sample Number	LH0270528	---	---	---
Sample Date	22 Feb 2024	---	---	---
Machine Hours	8976	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---

**LIEBHERR CANADA LTD.**  
 1015 SUTTON DRIVE  
 BURLINGTON, ON  
 CA L7L 5Z8  
 Contact: Joseph Rodgers  
 joseph.rodgers@liebherr.com  
 T:  
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#### OIL CONDITION

Visc @ 40°C	cSt	● 108	---	---	---
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#### CONTAMINATION

Water	%	● 0.129	---	---	---
Silicon	ppm	● 127	---	---	---
Sodium	ppm	● 5	---	---	---
Potassium	ppm	● 11	---	---	---



#### WEAR METALS

Iron	ppm	● 447	---	---	---
Copper	ppm	● 1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 33	---	---	---
Chromium	ppm	● 3	---	---	---
Molybdenum	ppm	● 3	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	● 1	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 4	---	---	---
Vanadium	ppm	● 0	---	---	---



#### ADDITIVES

Calcium	ppm	● 3781	---	---	---
Magnesium	ppm	● 28	---	---	---
Zinc	ppm	● 981	---	---	---
Phosphorus	ppm	● 829	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 6	---	---	---

#### Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 30 Transmission/Drive Train Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. All component wear rates are normal. The water content is negligible. 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:** 5734853  
**Signed:** Kevin Marson  
**Report Date:** 27 Feb 2024



### GRAPHS

