

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30 117545 - Splitter Box

Sample No: LH0270584

Oil Type: GEAR OIL SAE 75W90



**LIEBHERR CANADA LTD.**  
 1015 SUTTON DRIVE  
 BURLINGTON, ON  
 CA L7L 5Z8  
 Contact: Joseph Gillis  
 joseph.gillis@liebherr.com  
 T:  
 F: (905)319-6622



#### SAMPLE INFORMATION

Sample Number	LH0270584	---	---	---
Sample Date	19 Jul 2023	---	---	---
Machine Hours	12412	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	SEVERE	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	● 98.3	---	---	---
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#### CONTAMINATION

Silicon	ppm	● 1	---	---	---
Sodium	ppm	● <1	---	---	---
Potassium	ppm	● <1	---	---	---



#### WEAR METALS

Iron	ppm	● 85	---	---	---
Copper	ppm	● 64	---	---	---
Lead	ppm	● 2	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● 0	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	● 11	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 14	---	---	---
Phosphorus	ppm	● 1303	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 305	---	---	---

#### Diagnosis

The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 75W90. Please confirm. Copper ppm levels are severe. Bearing and/or bushing wear is indicated. There is no indication of any contamination in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: LIEMIS  
 Unique No: 5616376  
 Signed: Kevin Marson  
 Report Date: 21 Jul 2023



### GRAPHS

