

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60 152284 - Rear Differential

Sample No: LH0284971  
 Oil Type: GEAR OIL SAE 80W90



**LIEBHERR CANADA LTD.**  
 1015 SUTTON DRIVE  
 BURLINGTON, ON  
 CA L7L 5Z8  
 Contact: Steve Lehto  
 steve.lehto@liebherr.com  
 T: (905)319-9222  
 F: (905)319-6617



#### SAMPLE INFORMATION

Sample Number	LH0284971	---	---	---
Sample Date	14 Feb 2024	---	---	---
Machine Hours	596	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	● 138	---	---	---
-------------	-----	-------	-----	-----	-----



#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 4	---	---	---
Sodium	ppm	● 5	---	---	---
Potassium	ppm	● <1	---	---	---



#### WEAR METALS

Iron	ppm	● 27	---	---	---
Copper	ppm	● 5	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	● 9	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 10	---	---	---
Phosphorus	ppm	● 1761	---	---	---
Barium	ppm	● 4	---	---	---
Boron	ppm	● 135	---	---	---

#### Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 80W90. Please confirm.

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: 5733189  
 Signed: Wes Davis  
 Report Date: 15 Feb 2024



### GRAPHS

