

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60M 145111-1217 - Rear Right Wheel Hub

Sample No: LH0247463

Oil Type: GEAR OIL SAE 80W90



#### SAMPLE INFORMATION

Sample Number	LH0247463	LH0261402	---	---
Sample Date	20 Jun 2023	27 Apr 2023	---	---
Machine Hours	1188	558	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	112	176	---	---
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#### CONTAMINATION

Silicon	ppm	4	2	---	---
Sodium	ppm	1	4	---	---
Potassium	ppm	<1	<1	---	---



#### WEAR METALS

Iron	ppm	12	29	---	---
Copper	ppm	15	6	---	---
Lead	ppm	<1	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	0	0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	7	8	---	---
Magnesium	ppm	1	1	---	---
Zinc	ppm	16	11	---	---
Phosphorus	ppm	1332	1357	---	---
Barium	ppm	46	279	---	---
Boron	ppm	267	32	---	---

#### RAM IRON AND METAL

60 Ashwarren Road  
 TORONTO, ON  
 CA M3J 1Z5  
 Contact: PETER RACCO  
 PETER@RAMIRON.COM  
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#### 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: RAMTOR  
 Unique No: 5605926  
 Signed: Wes Davis  
 Report Date: 10 Jul 2023



### GRAPHS

