

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60M 145111-1217 - Front Left Wheel Hub

Sample No: LH0247465

Oil Type: GEAR OIL SAE 80W90



#### SAMPLE INFORMATION

Sample Number	LH0247465	LH0261406	---	---
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	116	152	---	---
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#### CONTAMINATION

Silicon	ppm	<1	5	---	---
Sodium	ppm	2	5	---	---
Potassium	ppm	<1	1	---	---



#### WEAR METALS

Iron	ppm	22	88	---	---
Copper	ppm	7	12	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	<1	2	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	<1	3	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	11	18	---	---
Magnesium	ppm	2	2	---	---
Zinc	ppm	16	47	---	---
Phosphorus	ppm	1386	1626	---	---
Barium	ppm	27	103	---	---
Boron	ppm	237	95	---	---

#### RAM IRON AND METAL

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 TORONTO, ON  
 CA M3J 1Z5  
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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: 5605923  
 Signed: Kevin Marson  
 Report Date: 10 Jul 2023



### GRAPHS

