

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [HAMMERSTONE] 16012 - Right Final Drive

Sample No: LH0265044

Oil Type: GEAR OIL SAE 75W90



#### SAMPLE INFORMATION

Sample Number	LH0265044	LH0265039	---	---
Sample Date	11 Jul 2023	11 Jul 2023	---	---
Machine Hours	14669	14609	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---

#### Liebherr-Canada Ltd.

Fort McKay Industrial Park, Lot No. 12 and 13  
 Fort McMurray, AB  
 CA T9H 5N3  
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#### OIL CONDITION

Visc @ 40°C	cSt	91.6	30.4	---	---
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#### CONTAMINATION

Silicon	ppm	14	6	---	---
Sodium	ppm	1	2	---	---
Potassium	ppm	2	1	---	---



#### WEAR METALS

Iron	ppm	59	7	---	---
Copper	ppm	<1	5	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	5	2	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	<1	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	<1	<1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	31	2895	---	---
Magnesium	ppm	2	12	---	---
Zinc	ppm	13	1150	---	---
Phosphorus	ppm	1313	1031	---	---
Barium	ppm	0	0	---	---
Boron	ppm	303	2	---	---

#### 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 75W90. 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: LIEFTM  
 Unique No: 5607492  
 Signed: Kevin Marson  
 Report Date: 19 Jul 2023



### GRAPHS

