

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 115463 - Drilling Drive

Sample No: LH0284040

Oil Type: GEAR OIL LS 80W90



#### SAMPLE INFORMATION

Sample Number	LH0284040	---	---	---
Sample Date	02 Feb 2024	---	---	---
Machine Hours	530	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

#### Liebherr Canada

140 - 21320 Gordon Way

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#### OIL CONDITION

Visc @ 40°C	cSt	● 197	---	---	---
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#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● <1	---	---	---
Sodium	ppm	● 4	---	---	---
Potassium	ppm	● 2	---	---	---



#### WEAR METALS

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



#### ADDITIVES

Calcium	ppm	19	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	12	---	---	---
Phosphorus	ppm	1153	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	<1	---	---	---

#### 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 LS 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: LIERIC

Unique No: 5722904

Signed: Wes Davis

Report Date: 06 Feb 2024



### GRAPHS

