

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 117010 - Drilling Drive

Sample No: LH0274471

Oil Type: GEAR OIL SAE 75W90



#### SAMPLE INFORMATION

Sample Number	LH0274471	---	---	---
Sample Date	26 Jul 2023	---	---	---
Machine Hours	3035	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

LIEBHERR CANADA LTD.

1015 SUTTON DRIVE

BURLINGTON, ON

CA L7L 5Z8

Contact: Joseph Rodgers

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#### OIL CONDITION

Visc @ 40°C	cSt	● 99.2	---	---	---
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#### CONTAMINATION

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



#### WEAR METALS

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



#### ADDITIVES

Calcium	ppm	● 12	---	---	---
Magnesium	ppm	● 1	---	---	---
Zinc	ppm	● 9	---	---	---
Phosphorus	ppm	● 1327	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 293	---	---	---

#### 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: LIEMIS

Unique No: 5619325

Signed: Wes Davis

Report Date: 04 Aug 2023



### GRAPHS

