

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LR636 018081-1275 - Final Drive

Sample No: LH0187189

Oil Type: GEAR OIL SAE 90W140



#### SAMPLE INFORMATION

Sample Number	LH0187189	---	---	---
Sample Date	18 Jan 2021	---	---	---
Machine Hours	1523	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

**CON-DRAIN LTD.**  
 30 FLORAL PARKWAY  
 CONCORD, ON  
 CA L4K 4R1  
 Contact: B BAXTER  
 B.BAXTER@CONDRAIN.COM  
 T:  
 F:



#### OIL CONDITION

Visc @ 40°C	cSt	● 340	---	---	---
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#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 6	---	---	---
Sodium	ppm	● 4	---	---	---
Potassium	ppm	● 2	---	---	---



#### WEAR METALS

Iron	ppm	● 99	---	---	---
Copper	ppm	● 62	---	---	---
Lead	ppm	● 4	---	---	---
Tin	ppm	● 1	---	---	---
Aluminum	ppm	● 1	---	---	---
Chromium	ppm	● 1	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	● 17	---	---	---
Magnesium	ppm	● 3	---	---	---
Zinc	ppm	● 37	---	---	---
Phosphorus	ppm	● 1110	---	---	---
Barium	ppm	● 26	---	---	---
Boron	ppm	● 3	---	---	---

**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 90W140. 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:** CON30CON  
**Unique No:** 5162941  
**Signed:** Kevin Marson  
**Report Date:** 25 Jan 2021



### GRAPHS

