

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LR636 018134-1275 - Right Final Drive

Sample No: LH0281577

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0281577	---	---	---
Sample Date	18 Dec 2023	---	---	---
Machine Hours	6558	---	---	---
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	● 167	---	---	---
-------------	-----	-------	-----	-----	-----



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 4	---	---	---
Sodium	ppm	● 3	---	---	---
Potassium	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 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.



WEAR METALS

Iron	ppm	● 172	---	---	---
Copper	ppm	● 24	---	---	---
Lead	ppm	● 1	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 2	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	● 1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 23	---	---	---
Magnesium	ppm	● 5	---	---	---
Zinc	ppm	● 29	---	---	---
Phosphorus	ppm	● 1000	---	---	---
Barium	ppm	● 10	---	---	---
Boron	ppm	● 129	---	---	---

Depot: CON30CON
 Unique No: 5697281
 Signed: Wes Davis
 Report Date: 19 Dec 2023



GRAPHS

