

LIEBHERR

CONSTRUCTION EQUIPMENT



115463 - Right Final Drive

Sample No: LH0284038

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0284038	---	---	---
Sample Date	02 Feb 2024	---	---	---
Machine Hours	530	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

Liebherr Canada
 140 - 21320 Gordon Way
 Richmond, BC
 CA V6W 1J8
 Contact: Kevin Steer
 kevin.steer@liebherr.com
 T:
 F: (604)270-3254



OIL CONDITION

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

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



WEAR METALS

Iron	ppm	● 54	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● <1	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	● 0	---	---	---



ADDITIVES

Calcium	ppm	● 21	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 10	---	---	---
Phosphorus	ppm	● 1097	---	---	---
Barium	ppm	● 10	---	---	---
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 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.

Depot: LIERIC
Unique No: 5722908
Signed: Wes Davis
Report Date: 06 Feb 2024



GRAPHS

