

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 064593-1761- Front Differential

Sample No: LH

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	29 Aug 2023	---	---	---
Machine Hours	998	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

LIEBHERR CANADA LTEE
 444 AVENUE DE LA FRICHE
 DOLBEAU-MISTASSINI, QC
 CA G8L 3M7
 Contact: Luc Trottier
 luc.trottier@liebherr.com
 T:
 F: (418)276-9844



OIL CONDITION

Visc @ 40°C	cSt	● 193	---	---	---
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CONTAMINATION

Silicon	ppm	● 2	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 0	---	---	---



WEAR METALS

Iron	ppm	● 33	---	---	---
Copper	ppm	● 11	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 5	---	---	---
Vanadium	ppm	● 0	---	---	---



ADDITIVES

Calcium	ppm	● 3	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 8	---	---	---
Phosphorus	ppm	● 2346	---	---	---
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 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: LBADOL
 Unique No: 5632818
 Signed: Wes Davis
 Report Date: 31 Aug 2023



GRAPHS

