

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L586 048507-1334 - Front Differential

Sample No: LH

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	20 Dec 2023	---	---	---
Machine Hours	24016	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

AGREGAT RN
 100 AVE MARCEL BARIL
 ROUYN-NORANDA, QC
 CA J9X 7B8
 Contact: Marcel Coulombe



OIL CONDITION

Visc @ 40°C	cSt	● 176	---	---	---
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T: (819)764-2473
 F:



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 5	---	---	---
Sodium	ppm	● 2	---	---	---
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.



WEAR METALS

Iron	ppm	● 138	---	---	---
Copper	ppm	● 70	---	---	---
Lead	ppm	● 2	---	---	---
Tin	ppm	● 5	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 3	---	---	---
Vanadium	ppm	● 0	---	---	---

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.



ADDITIVES

Calcium	ppm	● 13	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 41	---	---	---
Phosphorus	ppm	● 2404	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● <1	---	---	---

Depot: AGRROU
Unique No: 5698173
Signed: Wes Davis
Report Date: 22 Dec 2023



GRAPHS

