

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 139969-1253 - Swing Drive

Sample No: LH

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	19 Oct 2023	---	---	---
Machine Hours	480	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

METAUX 139 INC.
 86 RTE MARIE-VICTORIN
 PIERREVILLE, QC
 CA J0G 1J0
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	● 181	---	---	---
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T:
F:



CONTAMINATION

Silicon	ppm	● 5	---	---	---
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	● 177	---	---	---
Copper	ppm	● 63	---	---	---
Lead	ppm	● 2	---	---	---
Tin	ppm	● 5	---	---	---
Aluminum	ppm	● 1	---	---	---
Chromium	ppm	● 1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 24	---	---	---
Magnesium	ppm	● 1	---	---	---
Zinc	ppm	● 30	---	---	---
Phosphorus	ppm	● 2271	---	---	---
Barium	ppm	● 6	---	---	---
Boron	ppm	● 14	---	---	---

Depot: MET126WIC
Unique No: 5668927
Signed: Wes Davis
Report Date: 25 Oct 2023



GRAPHS

