

LIEBHERR

CONSTRUCTION EQUIPMENT



144015-1217 LIEBHERR LH60M 144015-1217 - Swing Drive

Sample No: LH0220353

Oil Type: GEAR OIL SAE 80W90



ADVANTAGE METALS RECYCLING - ST LOUIS
5 N MARKET
ST LOUIS, MO
US 63102
Contact: JEANETTE VAGO
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T:
F:



SAMPLE INFORMATION

Sample Number	LH0220353	---	---	---
Sample Date	23 Oct 2023	---	---	---
Machine Hours	500	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 182	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 0	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 3	---	---	---



WEAR METALS

Iron	ppm	● 175	---	---	---
Copper	ppm	● 15	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 10	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 1	---	---	---
Phosphorus	ppm	● 2167	---	---	---
Barium	ppm	● 6	---	---	---
Boron	ppm	● 3	---	---	---

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: ADVSTL
Unique No: 10849981
Signed: Wes Davis
Report Date: 30 Jan 2024



GRAPHS

