

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 139870-1253 - Swing Drive

Sample No: LHMC101257

Oil Type: GEAR OIL SAE 80W90



RECO EQUIPMENT INC.
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SAMPLE INFORMATION

Sample Number	LHMC101257	---	---	---
Sample Date	19 Oct 2023	---	---	---
Machine Hours	2015	---	---	---
Oil Hours	2015	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

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

Silicon	ppm	● 4	---	---	---
Sodium	ppm	● <1	---	---	---
Potassium	ppm	● 3	---	---	---



WEAR METALS

Iron	ppm	● 212	---	---	---
Copper	ppm	● 80	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 7	---	---	---
Aluminum	ppm	● 1	---	---	---
Chromium	ppm	● 1	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 26	---	---	---
Magnesium	ppm	● 0	---	---	---
Zinc	ppm	● 43	---	---	---
Phosphorus	ppm	● 2115	---	---	---
Barium	ppm	● 7	---	---	---
Boron	ppm	● 13	---	---	---

Diagnosis

Resample at the next service interval to monitor. 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: LEC0070
Unique No: 10713954
Signed: Wes Davis
Report Date: 27 Oct 2023



GRAPHS

