

LIEBHERR

CONSTRUCTION EQUIPMENT



[[SCHNITZER STEEL]] LIEBHERR LH30M 137421-1253 - Swing D

Sample No: LHMC104844

Oil Type: LIEBHERR GEAR BASIC 90 LS



RECO EQUIPMENT INC
 8075 PRODUCTION DRIVE
 FLORENCE, KY
 US 41042
 Contact: ALLEN BRAY
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SAMPLE INFORMATION

Sample Number	LHMC104844	---	---	---
Sample Date	22 Feb 2024	---	---	---
Machine Hours	4059	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 175	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 1	---	---	---
Sodium	ppm	● 3	---	---	---
Potassium	ppm	● 1	---	---	---



WEAR METALS

Iron	ppm	● 72	---	---	---
Copper	ppm	● 131	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 9	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 23	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 19	---	---	---
Phosphorus	ppm	● 2229	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 30	---	---	---

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: LEC0082
Unique No: 10915832
Signed: Don Baldrige
Report Date: 11 Mar 2024



GRAPHS

