

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH40M 137 053-1215 - Swing Drive

Sample No: LHMC100403
 Oil Type: LIEBHERR 80W90



RECO EQUIPMENT INC.
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SAMPLE INFORMATION

Sample Number	LHMC100403	LHMC100311	---	---
Sample Date	27 Jun 2023	11 Apr 2023	---	---
Machine Hours	1583	1079	---	---
Oil Hours	504	1079	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 167	● 198	---	---
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CONTAMINATION

Silicon	ppm	● <1	● 0	---	---
Sodium	ppm	● <1	● 0	---	---
Potassium	ppm	● <1	● <1	---	---



WEAR METALS

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



ADDITIVES

Calcium	ppm	15	● 2	---	---
Magnesium	ppm	0	● <1	---	---
Zinc	ppm	0	● 0	---	---
Phosphorus	ppm	551	● 2331	---	---
Barium	ppm	0	● 0	---	---
Boron	ppm	16	● 0	---	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: LEC0070
 Unique No: 10545621
 Signed: Don Baldrige
 Report Date: 06 Jul 2023



GRAPHS

