

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 151954-1253 - Swing Drive

Sample No: LH0272374

Oil Type: LIEBHERR GEAR BASIC 90 LS



RECO EQUIPMENT INC
 8075 PRODUCTION DRIVE
 FLORENCE, KY
 US 41042
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Sample Information

Sample Number	LH0272374	LH0244722	---	---
Sample Date	16 Jun 2024	01 Apr 2024	---	---
Machine Hours	1388	595	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



Oil Condition

Visc @ 40°C	cSt	● 194	● 189	---	---
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Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	● 1	● 11	---	---
Sodium	ppm	● 3	● 3	---	---
Potassium	ppm	● 2	● 3	---	---



Wear Metals

Iron	ppm	● 50	● 234	---	---
Copper	ppm	● 18	● 85	---	---
Lead	ppm	● 0	● <1	---	---
Tin	ppm	● <1	● 7	---	---
Aluminum	ppm	● <1	● 2	---	---
Chromium	ppm	● <1	● 2	---	---
Molybdenum	ppm	● 0	● 0	---	---
Nickel	ppm	● <1	● <1	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	● 1	● 3	---	---
Vanadium	ppm	0	0	---	---



Additives

Calcium	ppm	● 23	● 30	---	---
Magnesium	ppm	● 3	● 2	---	---
Zinc	ppm	● 17	● 27	---	---
Phosphorus	ppm	● 2438	● 2319	---	---
Barium	ppm	● 0	● 11	---	---
Boron	ppm	● 2	● 9	---	---

Diagnosis

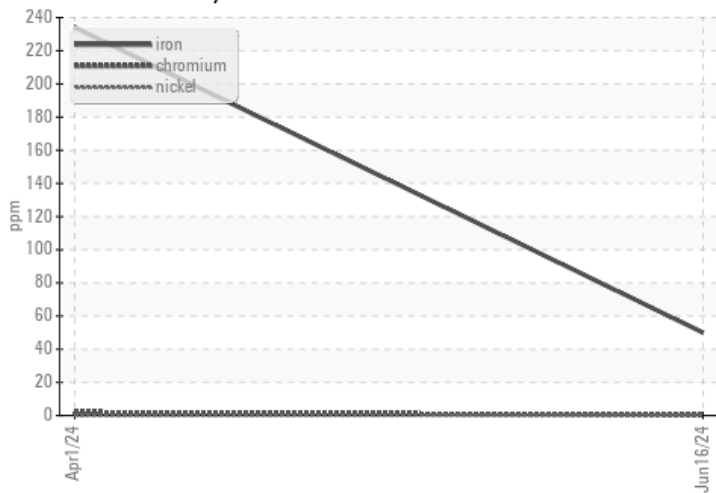
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LEC0082
 Unique No: 11085548
 Signed: Angela Borella
 Report Date: 19 Jun 2024

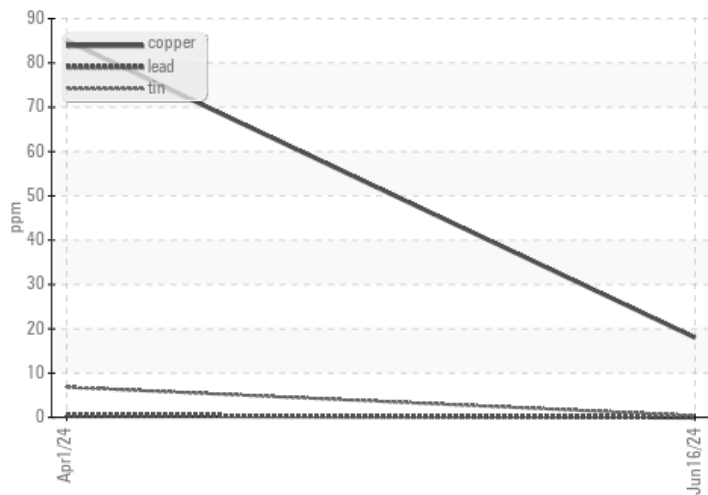


Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

