

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50 114410-1216 - Pump Drive

Sample No: LH0244119

Oil Type: LIEBHERR GEAR BASIC 90 LS



RECO EQUIPMENT INC
 10461 GRAND RIVER RD
 BRIGHTON, MI
 US 48116
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 F:



Sample Information

Sample Number	LH0244119	---	---	---
Sample Date	06 Jun 2023	---	---	---
Machine Hours	4573	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



Oil Condition

Visc @ 40°C	cSt	● 188	---	---	---
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Contamination

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



Wear Metals

Iron	ppm	● 18	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 0	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	● 28	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 17	---	---	---
Phosphorus	ppm	● 3239	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 0	---	---	---

Diagnosis

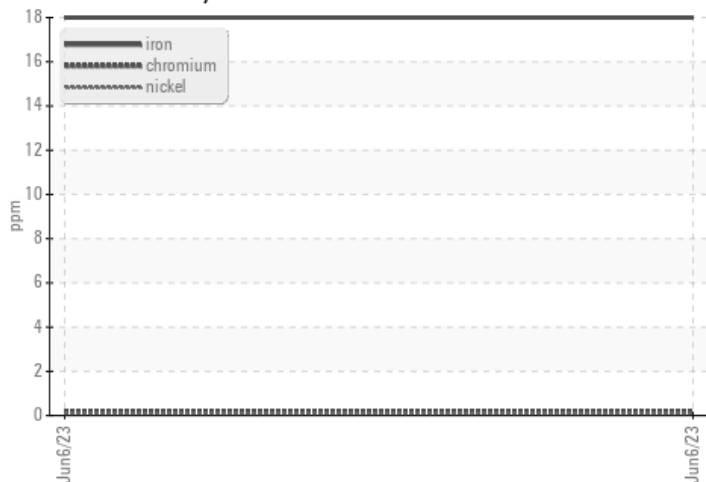
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: RECBRILH
Unique No: 10509504
Signed: Don Baldrige
Report Date: 13 Jun 2023

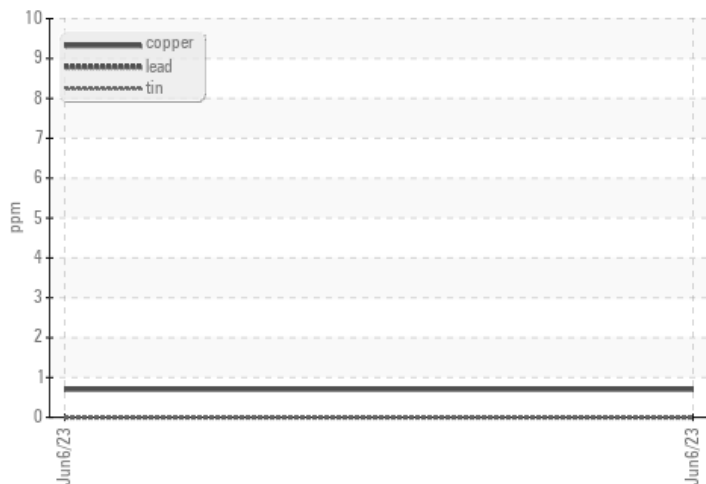


Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

