

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50 NOT GIVEN PCA0128568 (S/N 145582-1216) - Pur

Sample No: LH0244030
 Oil Type: LIEBHERR GEAR BASIC 90 LS



RECO EQUIPMENT INC
 10461 GRAND RIVER RD
 BRIGHTON, MI
 US 48116
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 T: (810)299-1731
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Sample Information

Sample Number	LH0244030	---	---	---
Sample Date	06 Jun 2024	---	---	---
Machine Hours	3371	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



Oil Condition

Visc @ 40°C	cSt	● 181	---	---	---
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Contamination

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



Wear Metals

Iron	ppm	● 11	---	---	---
Copper	ppm	● 2	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	● 19	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 31	---	---	---
Phosphorus	ppm	● 2310	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● <1	---	---	---

Diagnosis

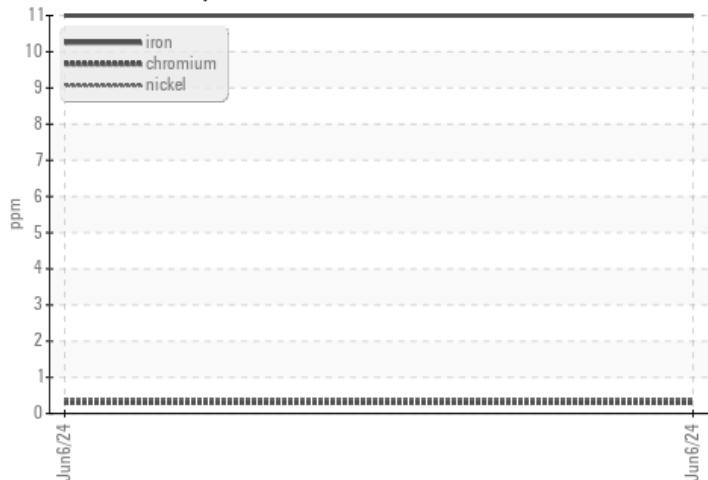
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: RECBRILH
 Unique No: 11088024
 Signed: Sean Felton
 Report Date: 21 Jun 2024

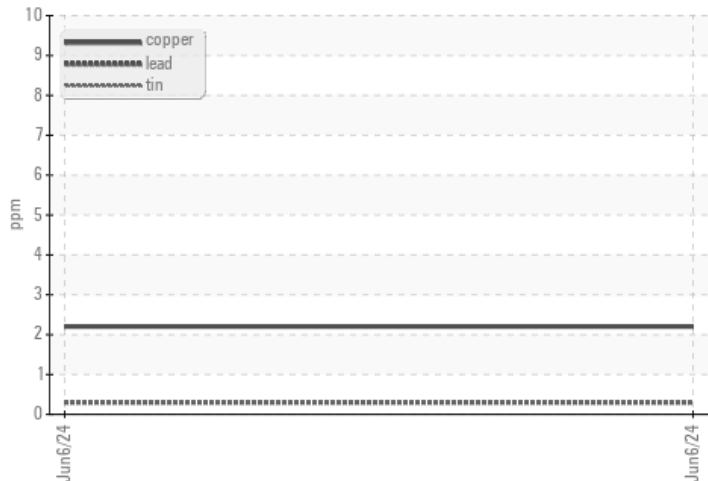


Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

