

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0273648

Oil Type: SAE 10W40



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



Sample Information

Sample Number	LH0273648	LH0272943	LH0243267	---
Sample Date	06 Jun 2024	20 Nov 2023	15 Jun 2023	---
Machine Hours	3371	2062	1005	---
Oil Hours	1000	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---



Oil Condition

Visc @ 40°C	cSt	61.0	60.0	47.7	---
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Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	4	4	4	---
Sodium	ppm	18	27	50	---
Potassium	ppm	3	4	5	---



Wear Metals

Iron	ppm	10	8	11	---
Copper	ppm	9	12	13	---
Lead	ppm	<1	0	2	---
Tin	ppm	<1	0	1	---
Aluminum	ppm	2	2	4	---
Chromium	ppm	<1	<1	1	---
Molybdenum	ppm	6	8	1	---
Nickel	ppm	<1	0	<1	---
Titanium	ppm	<1	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	6	5	11	---
Vanadium	ppm	0	0	0	---



Additives

Calcium	ppm	1977	2250	2938	---
Magnesium	ppm	401	75	13	---
Zinc	ppm	1013	1051	1083	---
Phosphorus	ppm	925	917	942	---
Barium	ppm	1	<1	0	---
Boron	ppm	136	47	6	---

Diagnosis

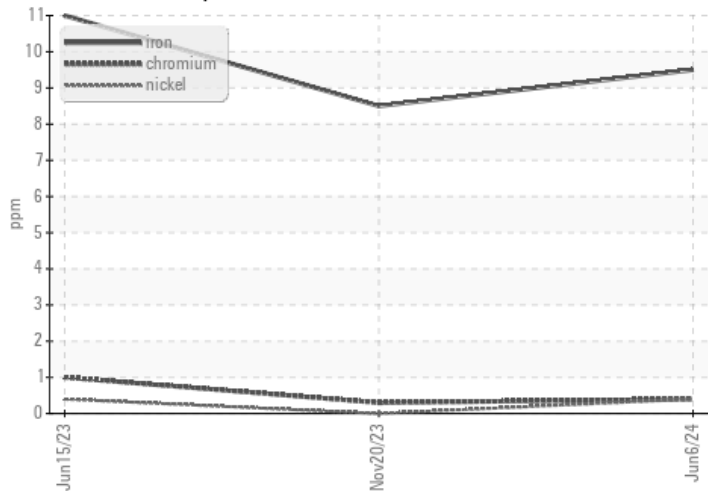
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: RECBRILH
 Unique No: 11088043
 Signed: Wes Davis
 Report Date: 20 Jun 2024

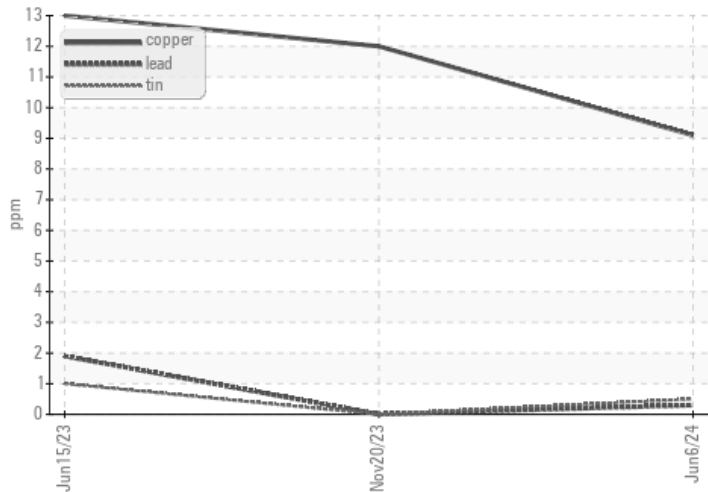


Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

