

LIEBHERR

CONSTRUCTION EQUIPMENT



[[KIMMEL]] LIEBHERR LH50 145582-1216 - Transmission (Man)

Sample No: LH0272943

Oil Type: SAE 10W40



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



SAMPLE INFORMATION

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



OIL CONDITION

Visc @ 40°C	cSt	60.0	47.7	---	---
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CONTAMINATION

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



WEAR METALS

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



ADDITIVES

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

Diagnosis

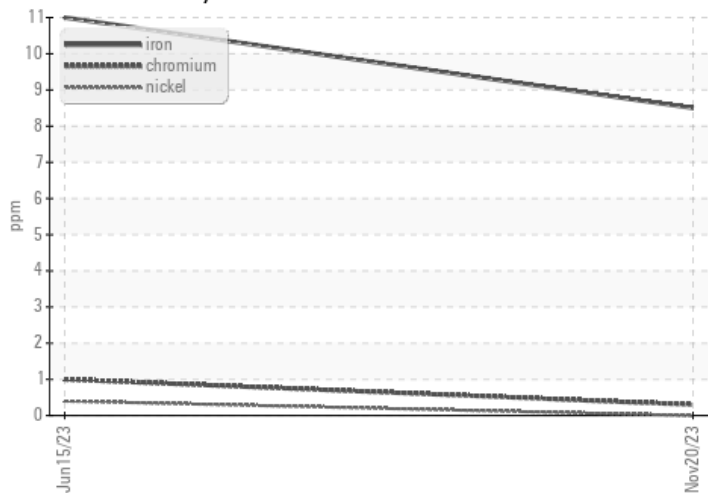
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: RECBRLH
 Unique No: 10850073
 Signed: Wes Davis
 Report Date: 30 Jan 2024

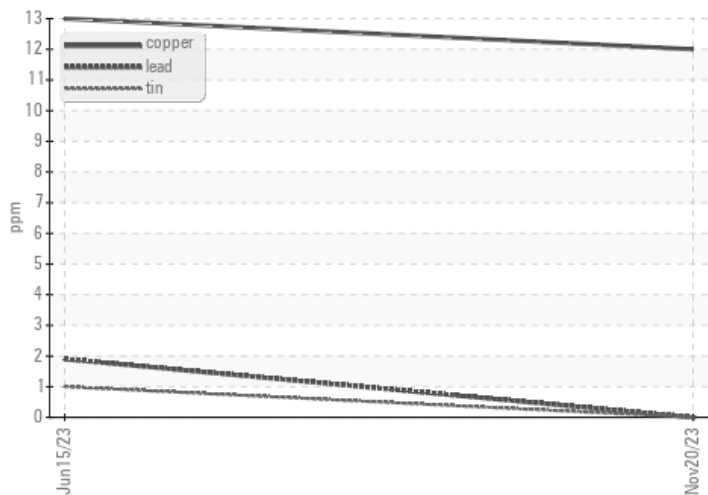


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

