

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50 145582-1216 - Rear Left Wheel Hub

Sample No: LH0243270

Oil Type: LIEBHERR GEAR BASIC 90 LS



RECO EQUIPMENT INC
 10461 GRAND RIVER RD
 BRIGHTON, MI
 US 48116
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SAMPLE INFORMATION

Sample Number	LH0243270	LH0243204	---	---
Sample Date	15 Jun 2023	15 Mar 2023	---	---
Machine Hours	1005	461	---	---
Oil Hours	0	461	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	158	153	---	---
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CONTAMINATION

Silicon	ppm	7	8	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	3	0	---	---



WEAR METALS

Iron	ppm	23	18	---	---
Copper	ppm	11	5	---	---
Lead	ppm	1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	4	4	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	2	2	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

Calcium	ppm	181	182	---	---
Magnesium	ppm	6	4	---	---
Zinc	ppm	31	22	---	---
Phosphorus	ppm	1499	1372	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	8	7	---	---

Diagnosis

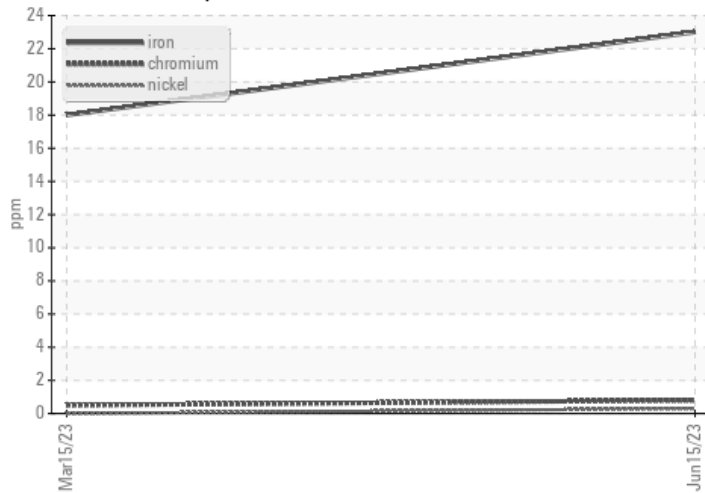
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: RECBRILH
Unique No: 10535227
Signed: Jonathan Hester
Report Date: 30 Jun 2023

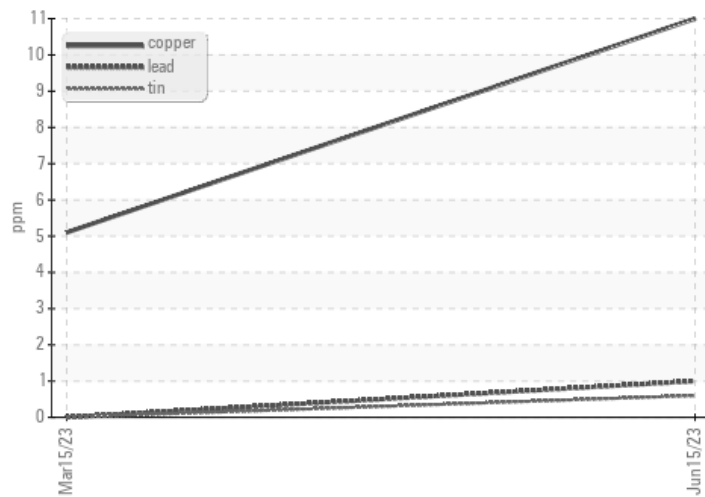


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

