

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 1216-110224 - Rear Left Wheel Hub

Sample No: LHMC163883

Oil Type: GEAR OIL SAE 75W90



AHLSTROM-MUNKSJO NA SPECIALTY
 PO BOX 600
 KAUKAUNA, WI
 US 54130
 Contact: JOE SEITZ
 joe.seitz@ahlstrom-munksjo.com
 T:
 F:



SAMPLE INFORMATION

Sample Number	LHMC163883	LHMC163730	---	---
Sample Date	02 Feb 2024	02 Nov 2022	---	---
Machine Hours	9264	7069	---	---
Oil Hours	1009	0	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	151	151	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	17	15	---	---
Sodium	ppm	3	7	---	---
Potassium	ppm	1	0	---	---



WEAR METALS

Iron	ppm	134	102	---	---
Copper	ppm	37	31	---	---
Lead	ppm	1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	1	2	---	---
Chromium	ppm	1	<1	---	---
Molybdenum	ppm	2	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	4	3	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	176	199	---	---
Magnesium	ppm	2	2	---	---
Zinc	ppm	47	51	---	---
Phosphorus	ppm	2147	2114	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	5	5	---	---

Diagnosis

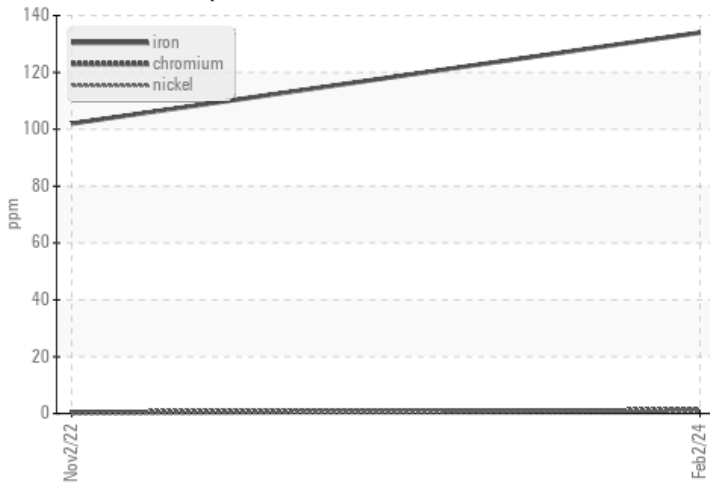
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: AHLKAU
 Unique No: 10884192
 Signed: Don Baldrige
 Report Date: 19 Feb 2024

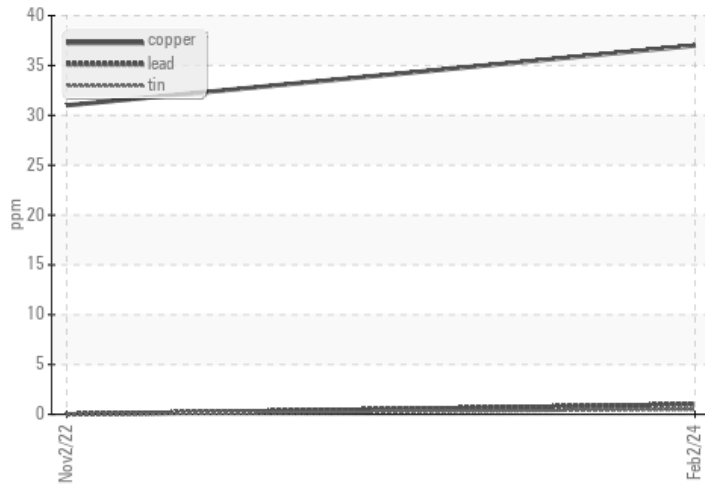


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

