

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 1216-110224 - Front Left Wheel Hub

Sample No: LHMC163727

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	LHMC163727	LHMC163721	---	---
Sample Date	02 Feb 2024	02 Nov 2022	---	---
Machine Hours	9264	7069	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	137	138	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	32	26	---	---
Sodium	ppm	8	12	---	---
Potassium	ppm	3	2	---	---



WEAR METALS

Iron	ppm	413	323	---	---
Copper	ppm	54	46	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	2	5	---	---
Chromium	ppm	2	<1	---	---
Molybdenum	ppm	2	<1	---	---
Nickel	ppm	<1	<1	---	---
Titanium	ppm	<1	<1	---	---
Silver	ppm	<1	<1	---	---
Manganese	ppm	6	5	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	173	195	---	---
Magnesium	ppm	3	3	---	---
Zinc	ppm	74	81	---	---
Phosphorus	ppm	1896	2001	---	---
Barium	ppm	0	0	---	---
Boron	ppm	4	4	---	---

Diagnosis

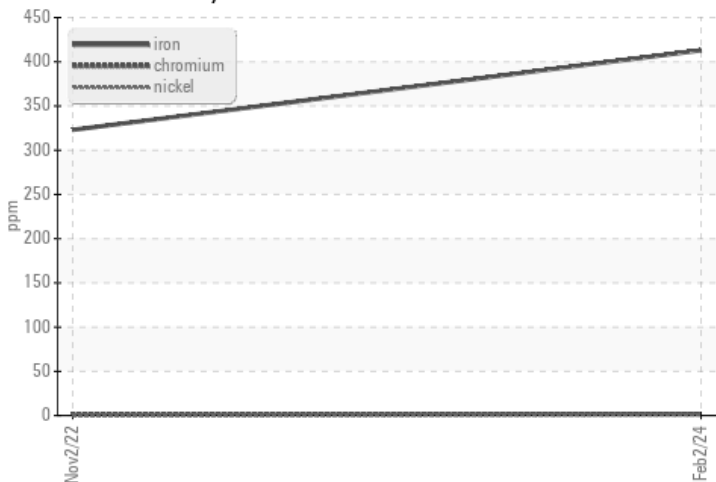
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: AHLKAU
 Unique No: 10884193
 Signed: Wes Davis
 Report Date: 19 Feb 2024

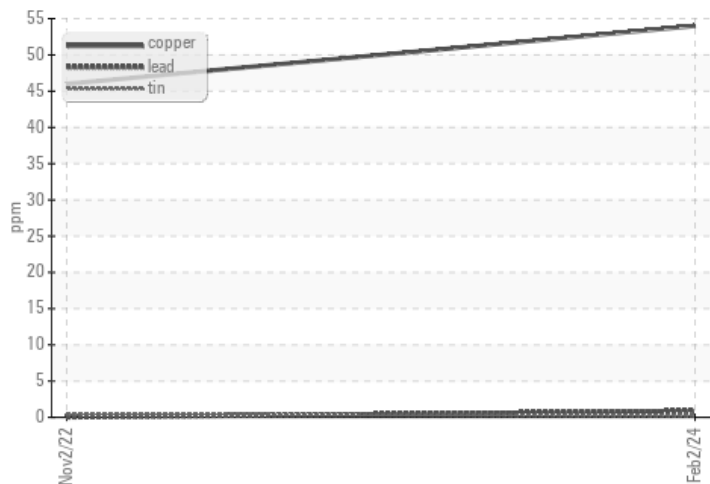


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

