

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 1216-110224 - Rear Right Wheel Hub

Sample No: LHMC163720

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	LHMC163720	LHMC163728	---	---
Sample Date	02 Feb 2024	02 Nov 2022	---	---
Machine Hours	9264	0	---	---
Oil Hours	1009	7069	---	---
Oil Changed	N/A	N/A	---	---
Sample Status	NORMAL	NORMAL	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	153	154	---	---
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#### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	15	14	---	---
Sodium	ppm	2	7	---	---
Potassium	ppm	1	0	---	---



#### WEAR METALS

Iron	ppm	99	72	---	---
Copper	ppm	34	29	---	---
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	3	2	---	---
Vanadium	ppm	<1	0	---	---



#### ADDITIVES

Calcium	ppm	168	256	---	---
Magnesium	ppm	2	3	---	---
Zinc	ppm	43	68	---	---
Phosphorus	ppm	2017	2177	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	5	4	---	---

#### Diagnosis

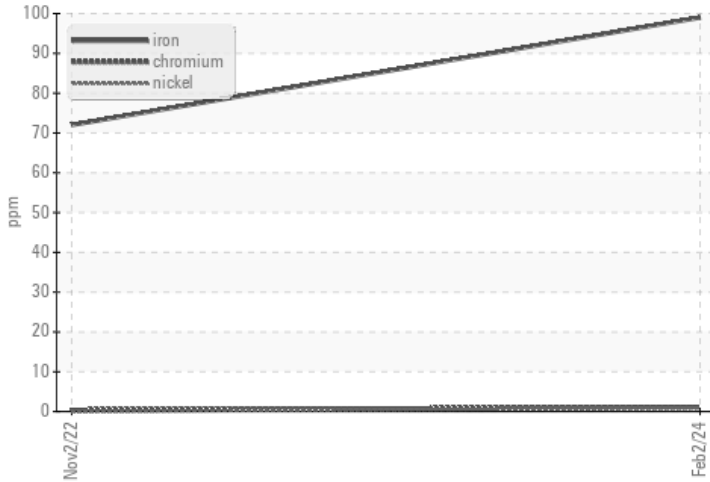
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: AHLKAU  
 Unique No: 10884197  
 Signed: Don Baldrige  
 Report Date: 19 Feb 2024

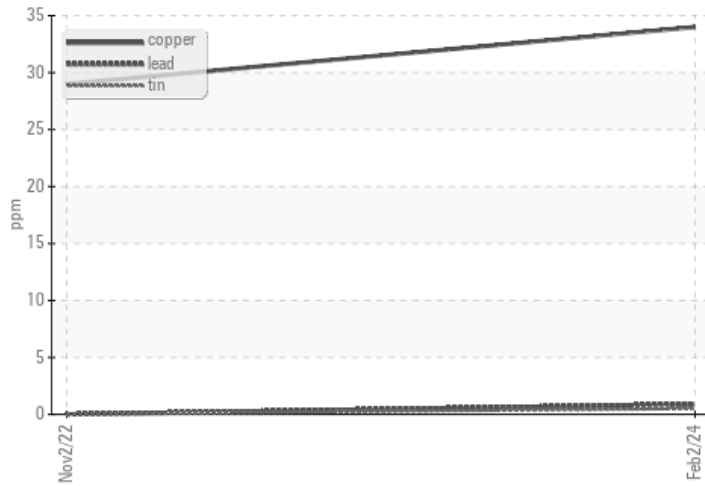


### GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

