

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 107069-1253 - Front Left Wheel Hub

Sample No: LH0273297

Oil Type: {unknown}



SAMPLE INFORMATION

Sample Number	LH0273297	LHMC164615	LHMC80862	---
Sample Date	19 Jan 2024	26 Dec 2019	14 Jan 2019	---
Machine Hours	9670	2207	486	---
Oil Hours	0	650	0	---
Oil Changed	Not Changd	N/A	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

MIDWEST IRON

461 HOMESTEAD AVE
 DAYTON, OH
 US 45417
 Contact: SAVANNAH FITE
 sfite@mwmetals.com
 T: (937)222-5992
 F:



OIL CONDITION

Visc @ 40°C	cSt	128	131	57.69	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<1	4	4	---
Sodium	ppm	0	5	20	---
Potassium	ppm	<1	2	0	---



WEAR METALS

Iron	ppm	47	34	13	---
Copper	ppm	6	10	49	---
Lead	ppm	0	2	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	2	<1	0	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	<1	<1	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	106	306	3509	---
Magnesium	ppm	2	6	10	---
Zinc	ppm	27	115	1381	---
Phosphorus	ppm	240	494	1109	---
Barium	ppm	7	1	<1	---
Boron	ppm	2	26	95	---

Diagnosis

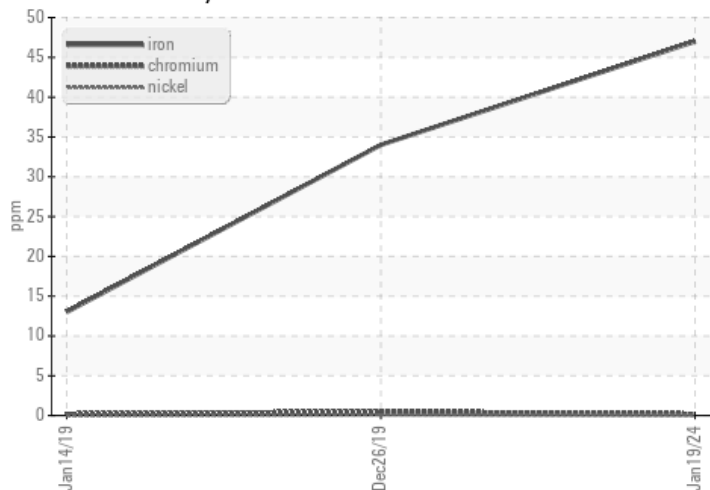
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: MIDDAY
 Unique No: 10863773
 Signed: Jonathan Hester
 Report Date: 08 Feb 2024

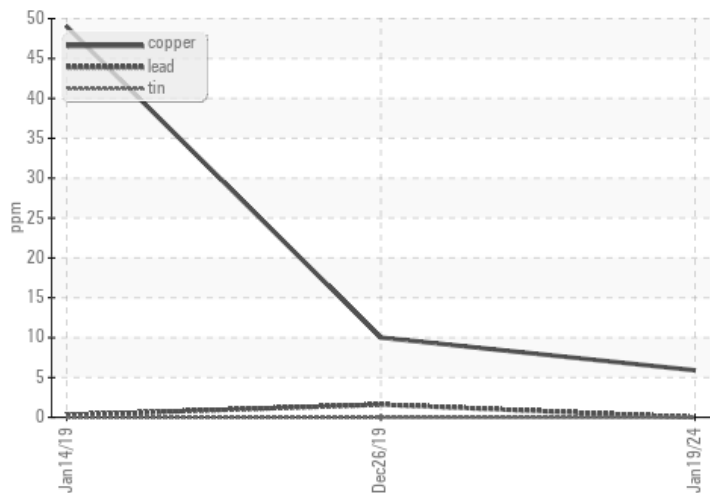


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

