

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 107069-1253 - Rear Right Wheel Hub

Sample No: LH0273303

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0273303	LHMC164139	LHMC117716	---
Sample Date	19 Jan 2024	26 Dec 2019	14 Jan 2019	---
Machine Hours	9670	2207	486	---
Oil Hours	0	650	0	---
Oil Changed	Not Chngd	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	129	133	55.67	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<1	3	7	---
Sodium	ppm	0	5	18	---
Potassium	ppm	1	<1	3	---



WEAR METALS

Iron	ppm	21	18	12	---
Copper	ppm	2	3	9	---
Lead	ppm	0	1	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	2	<1	0	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	0	0	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	0	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	1	3	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	138	408	3632	---
Magnesium	ppm	2	3	12	---
Zinc	ppm	41	175	1411	---
Phosphorus	ppm	280	546	1140	---
Barium	ppm	5	<1	0	---
Boron	ppm	7	35	100	---

Diagnosis

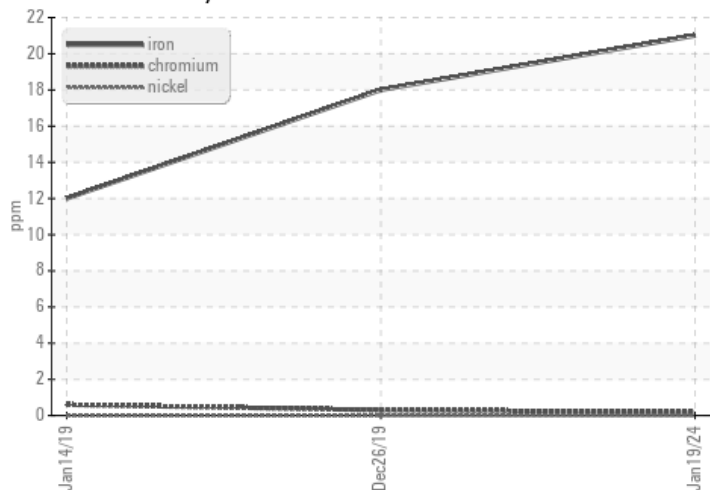
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: MIDDAY
Unique No: 10863771
Signed: Wes Davis
Report Date: 07 Feb 2024

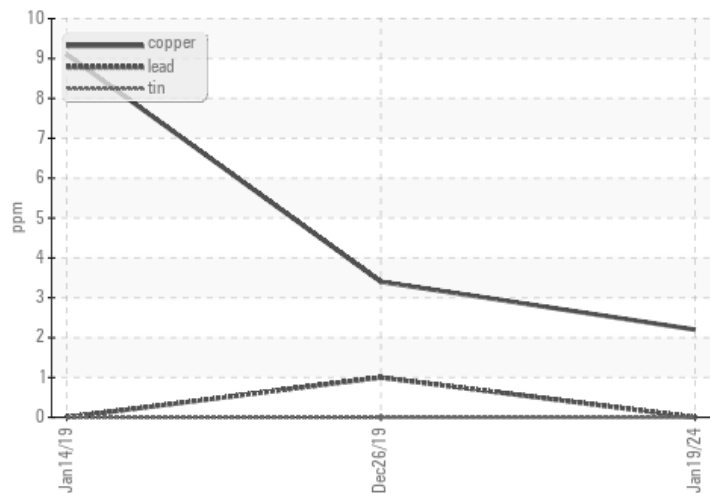


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

