

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 107069-1253 - Front Differential

Sample No: LH0229077

Oil Type: {unknown}



MIDWEST IRON
 461 HOMESTEAD AVE
 DAYTON, OH
 US 45417
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 F:



SAMPLE INFORMATION

Sample Number	LH0229077	LHMC80892	---	---
Sample Date	19 Jan 2024	14 Jan 2019	---	---
Machine Hours	9670	486	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	126	57.00	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	0	10	---	---
Sodium	ppm	0	16	---	---
Potassium	ppm	1	<1	---	---



WEAR METALS

Iron	ppm	2	7	---	---
Copper	ppm	0	3	---	---
Lead	ppm	0	2	---	---
Tin	ppm	0	0	---	---
Aluminum	ppm	2	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	6	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	38	3678	---	---
Magnesium	ppm	2	12	---	---
Zinc	ppm	0	1413	---	---
Phosphorus	ppm	233	1144	---	---
Barium	ppm	5	<1	---	---
Boron	ppm	4	101	---	---

Diagnosis

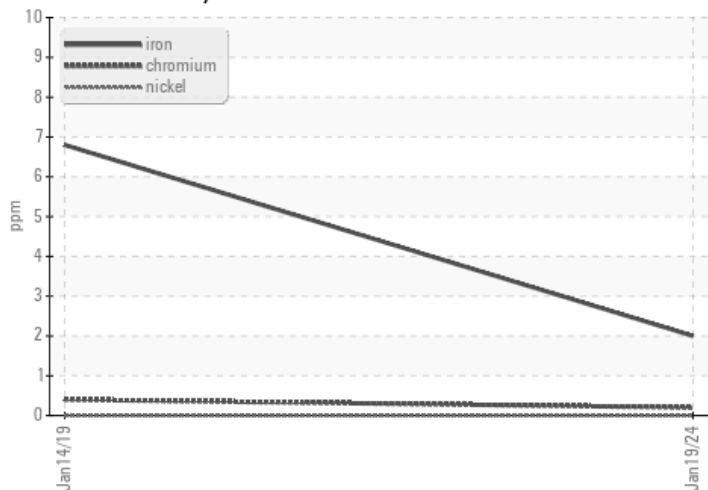
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: MIDDAY
 Unique No: 10863775
 Signed: Jonathan Hester
 Report Date: 08 Feb 2024

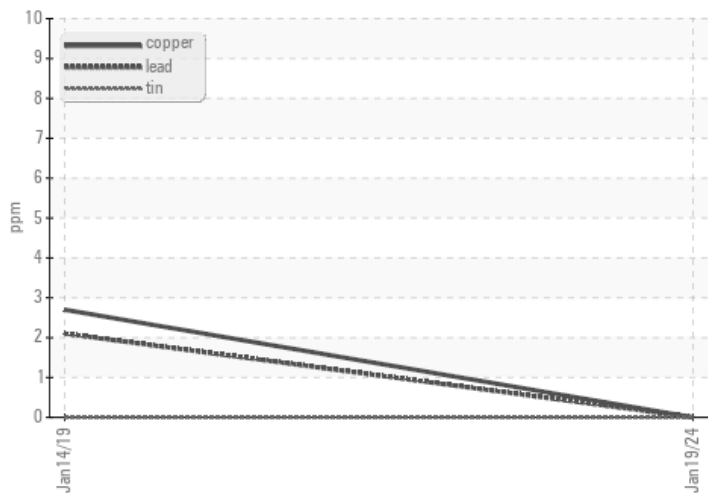


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

