

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 119208-1217 - Front Left Wheel Hub

Sample No: LH0267394

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0267394	LH0257444	LH0200269	---
Sample Date	04 Jan 2024	05 Jul 2023	30 Nov 2022	---
Machine Hours	4478	3275	1763	---
Oil Hours	0	700	0	---
Oil Changed	N/A	Not Changd	Not Changd	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

TT & E IRON

1529 WEST GARNER RD
GARNER, NC
US 27529
Contact: MICHAEL STANCIL
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T: (919)524-4326
F:



OIL CONDITION

Visc @ 40°C	cSt	150	148	149	---
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CONTAMINATION

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

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.



WEAR METALS

Iron	ppm	140	16	36	---
Copper	ppm	4	4	4	---
Lead	ppm	<1	0	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	2	1	<1	---
Chromium	ppm	2	<1	<1	---
Molybdenum	ppm	<1	0	0	---
Nickel	ppm	<1	0	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

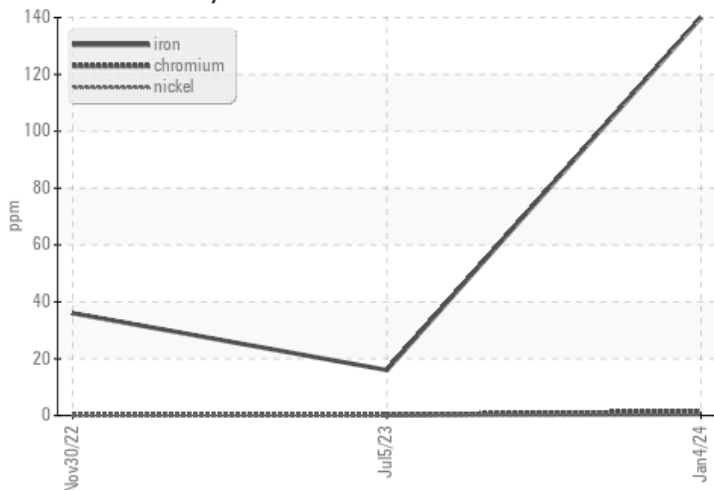
Calcium	ppm	11	1	7	---
Magnesium	ppm	<1	0	<1	---
Zinc	ppm	18	0	10	---
Phosphorus	ppm	1069	1110	1125	---
Barium	ppm	73	24	37	---
Boron	ppm	158	174	177	---

Depot: TTENEW
Unique No: 10820332
Signed: Jonathan Hester
Report Date: 10 Jan 2024

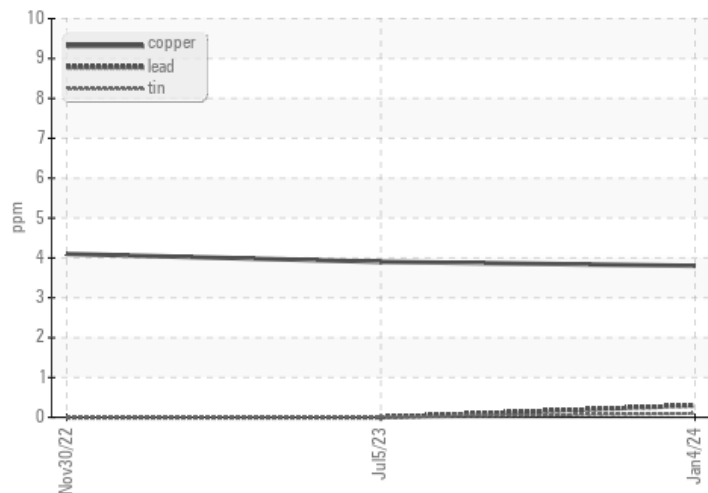


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

