

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60M 117421-1217 - Front Left Wheel Hub

Sample No: LH0267284

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0267284	LH0247834	LH0208174	---
Sample Date	26 Dec 2023	24 Feb 2023	01 Mar 2022	---
Machine Hours	5377	3454	1190	---
Oil Hours	0	1000	500	---
Oil Changed	Not Changd	Not Changd	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---

#### 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	139	152	---
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#### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	4	2	---
Sodium	ppm	2	1	2	---
Potassium	ppm	2	1	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.



#### WEAR METALS

Iron	ppm	97	25	36	---
Copper	ppm	11	14	4	---
Lead	ppm	0	0	<1	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	1	<1	<1	---
Molybdenum	ppm	0	1	<1	---
Nickel	ppm	<1	0	1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	3	<1	1	---
Vanadium	ppm	0	0	0	---



#### ADDITIVES

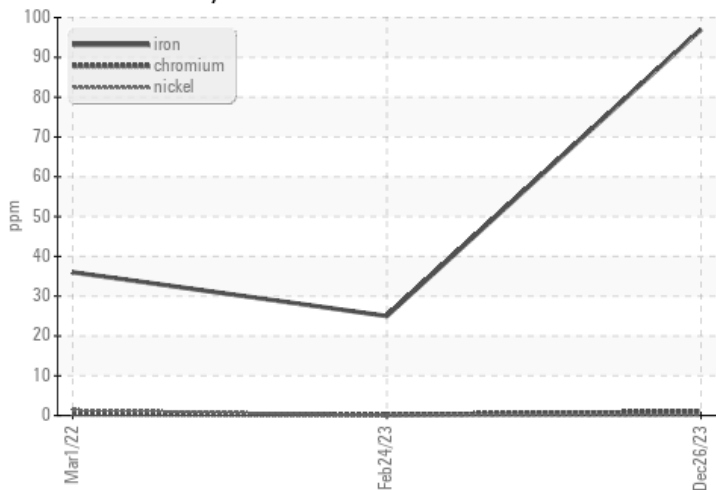
Calcium	ppm	49	41	37	---
Magnesium	ppm	7	4	4	---
Zinc	ppm	27	32	17	---
Phosphorus	ppm	930	790	720	---
Barium	ppm	184	180	174	---
Boron	ppm	2	4	3	---

Depot: TTENEW  
Unique No: 10817117  
Signed: Don Baldrige  
Report Date: 05 Jan 2024

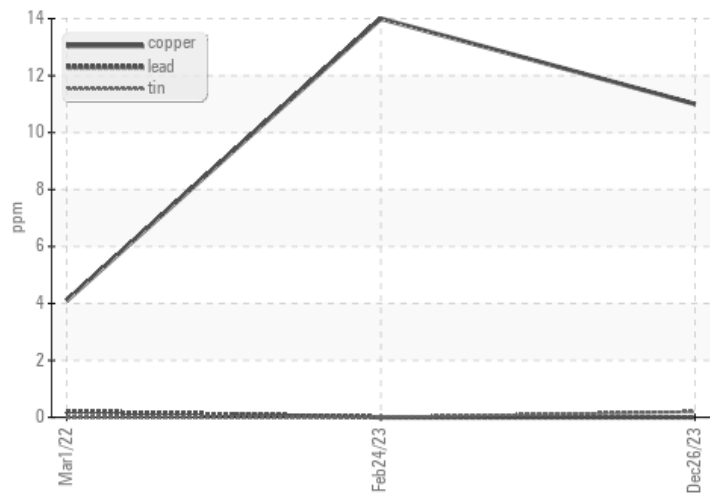


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

