

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60M 119208-1217 - Rear Left Wheel Hub

Sample No: LH0267397

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0267397	LH0257450	LH0257445	---
Sample Date	04 Jan 2024	05 Jul 2023	03 Jul 2023	---
Machine Hours	4478	3275	3275	---
Oil Hours	0	700	700	---
Oil Changed	N/A	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	151	154	148	---
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#### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	1	3	<1	---
Sodium	ppm	0	2	<1	---
Potassium	ppm	<1	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	18	115	20	---
Copper	ppm	6	8	4	---
Lead	ppm	<1	0	0	---
Tin	ppm	<1	0	0	---
Aluminum	ppm	2	2	1	---
Chromium	ppm	<1	1	<1	---
Molybdenum	ppm	<1	0	0	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	<1	2	<1	---
Vanadium	ppm	0	0	0	---



#### ADDITIVES

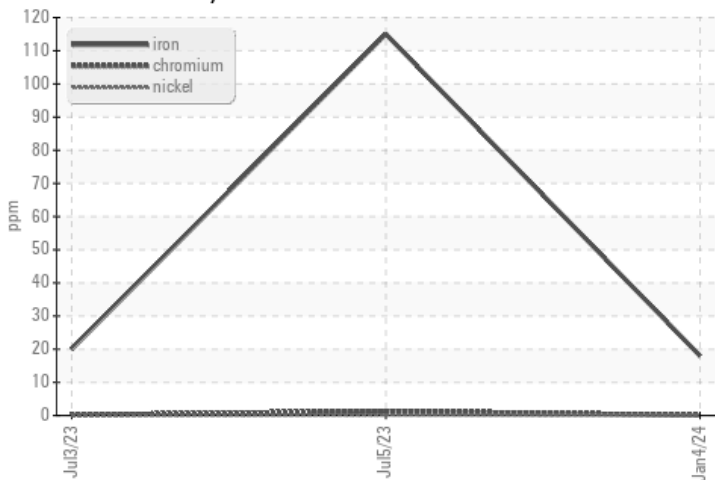
Calcium	ppm	8	11	3	---
Magnesium	ppm	<1	1	0	---
Zinc	ppm	1	27	0	---
Phosphorus	ppm	1055	1119	1121	---
Barium	ppm	36	77	25	---
Boron	ppm	182	131	171	---

Depot: TTENEW  
Unique No: 10820335  
Signed: Jonathan Hester  
Report Date: 10 Jan 2024

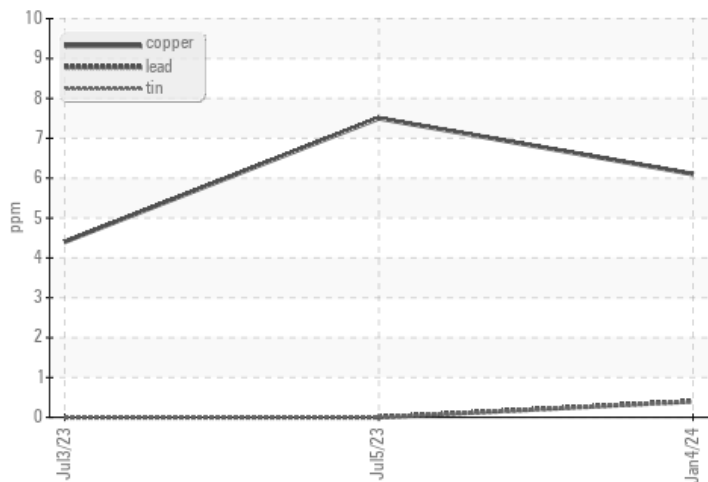


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

