

# LIEBHERR

## CONSTRUCTION EQUIPMENT



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

Sample No: LH0257444

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0257444	LH0200269	---	---
Sample Date	05 Jul 2023	30 Nov 2022	---	---
Machine Hours	3275	1763	---	---
Oil Hours	700	0	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	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	148	● 149	---	---
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#### CONTAMINATION

Silicon	ppm	● <1	● 1	---	---
Sodium	ppm	● <1	● 2	---	---
Potassium	ppm	● <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	● 16	● 36	---	---
Copper	ppm	● 4	● 4	---	---
Lead	ppm	● 0	● 0	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● 1	● <1	---	---
Chromium	ppm	● <1	● <1	---	---
Molybdenum	ppm	● 0	● 0	---	---
Nickel	ppm	● 0	● 0	---	---
Titanium	ppm	● 0	● 0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	● <1	● <1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

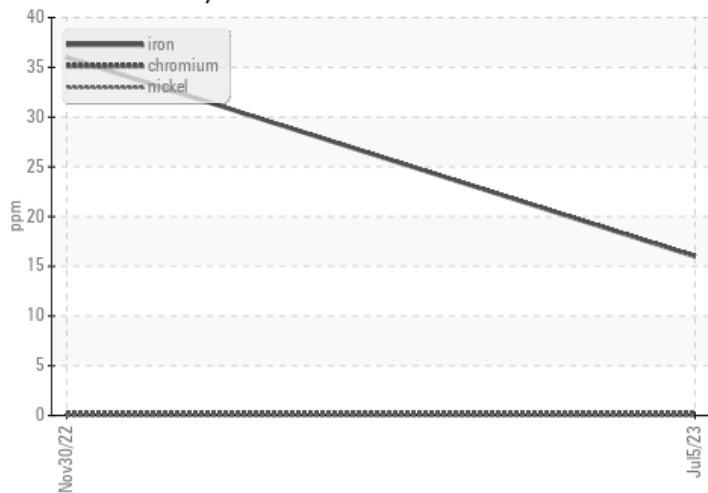
Calcium	ppm	● 1	● 7	---	---
Magnesium	ppm	● 0	● <1	---	---
Zinc	ppm	● 0	● 10	---	---
Phosphorus	ppm	● 1110	● 1125	---	---
Barium	ppm	● 24	● 37	---	---
Boron	ppm	● 174	● 177	---	---

Depot: TTENEW  
 Unique No: 10551145  
 Signed: Sean Felton  
 Report Date: 12 Jul 2023

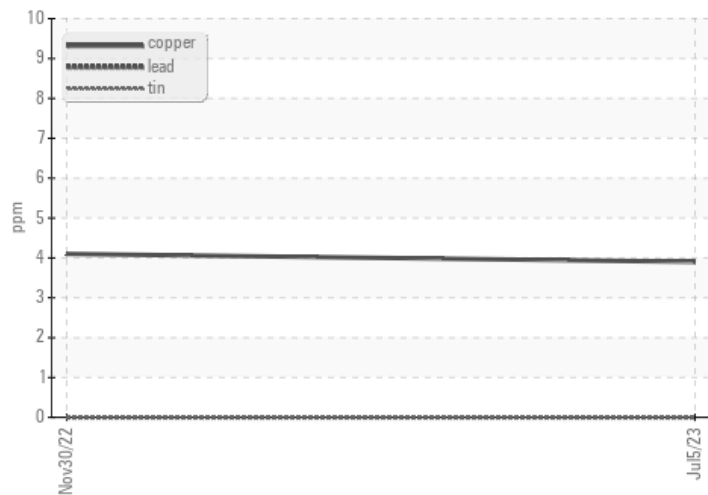


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

