

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60M 119208-1217 - Front Differential

Sample No: LH0267395

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0267395	LH0200268	---	---
Sample Date	04 Jan 2024	30 Nov 2022	---	---
Machine Hours	4478	1763	---	---
Oil Hours	0	0	---	---
Oil Changed	N/A	Not Changd	---	---
Sample Status	NORMAL	ABNORMAL	---	---

#### TT & E IRON

1529 WEST GARNER RD  
GARNER, NC  
US 27529

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F:



#### OIL CONDITION

Visc @ 40°C	cSt	● 146	● 148	---	---
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#### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	● <1	● 1	---	---
Sodium	ppm	● 0	● 1	---	---
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	● 11	● 18	---	---
Copper	ppm	● 6	● 4	---	---
Lead	ppm	● <1	● 0	---	---
Tin	ppm	● <1	● 0	---	---
Aluminum	ppm	● 2	● <1	---	---
Chromium	ppm	● <1	● <1	---	---
Molybdenum	ppm	● <1	● 0	---	---
Nickel	ppm	● <1	● 0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	● <1	● <1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

Calcium	ppm	● 8	● 4	---	---
Magnesium	ppm	● <1	● 0	---	---
Zinc	ppm	● 6	● 4	---	---
Phosphorus	ppm	● 1068	● 1143	---	---
Barium	ppm	● 19	● 29	---	---
Boron	ppm	● 194	● 186	---	---

Depot: TTENEW

Unique No: 10820333

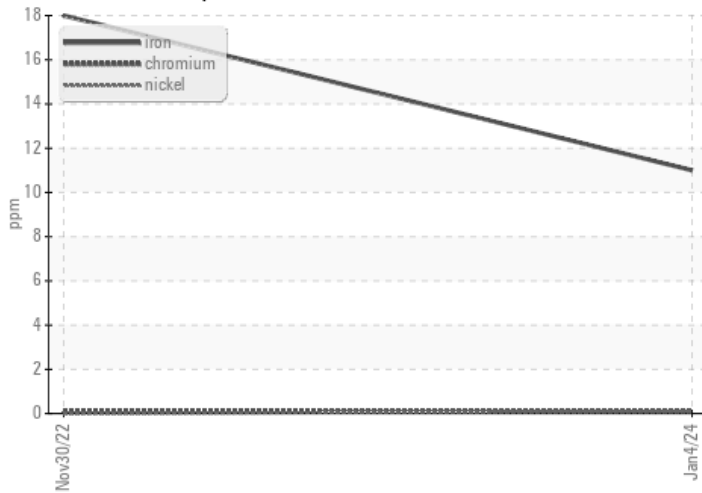
Signed: Jonathan Hester

Report Date: 10 Jan 2024

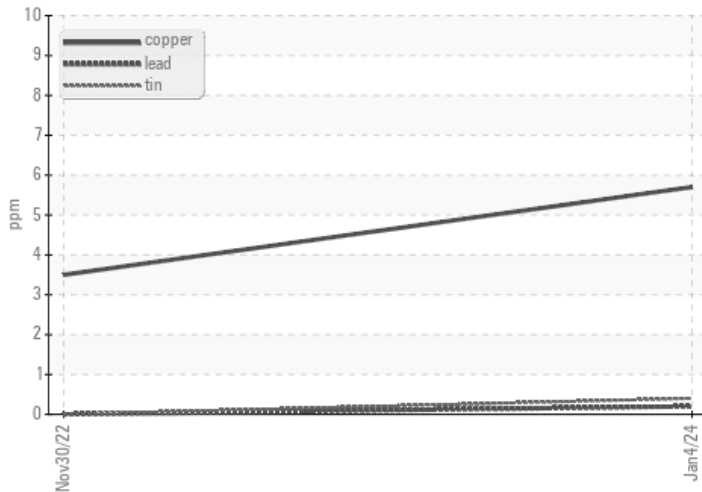


### GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

