

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60M 117421-1217 - Splitter Box

Sample No: LH0244334

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0244334	LH0247833	---	---
Sample Date	27 Jun 2023	24 Feb 2023	---	---
Machine Hours	4239	3454	---	---
Oil Hours	500	1000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	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	● 189	● 180	---	---
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#### CONTAMINATION

Silicon	ppm	● 2	● 2	---	---
Sodium	ppm	● 0	● 1	---	---
Potassium	ppm	● 1	● <1	---	---

#### 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	● 22	● 28	---	---
Copper	ppm	● 2	● 2	---	---
Lead	ppm	● 0	● 0	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● <1	● <1	---	---
Chromium	ppm	● <1	● <1	---	---
Molybdenum	ppm	● 0	● 0	---	---
Nickel	ppm	● <1	● 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	● <1	● <1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

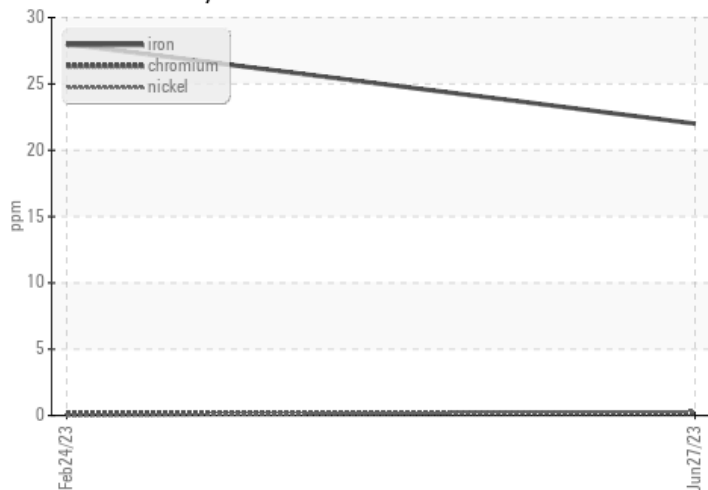
Calcium	ppm	● 12	18	---	---
Magnesium	ppm	● 0	● <1	---	---
Zinc	ppm	● 58	● 61	---	---
Phosphorus	ppm	● 2220	● 2109	---	---
Barium	ppm	● 0	● 0	---	---
Boron	ppm	● 9	● 0	---	---

Depot: TTENEW  
 Unique No: 10561665  
 Signed: Sean Felton  
 Report Date: 19 Jul 2023

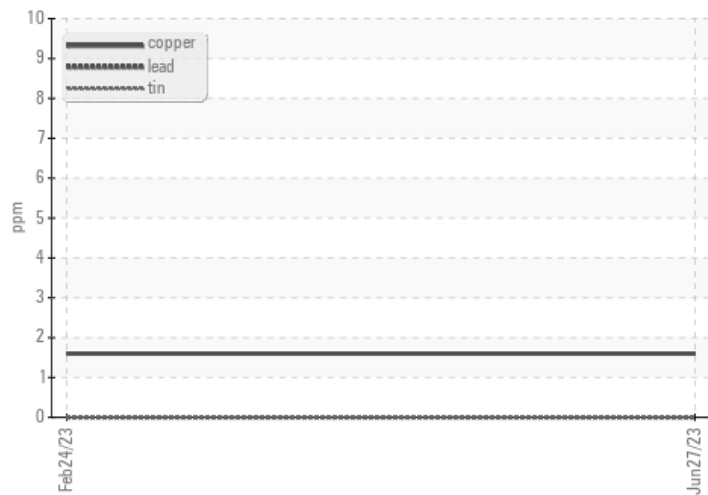


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

