

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60M 117421-1217 - Splitter Box

Sample No: LH0267281

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0267281	LH0244334	LH0247833	---
Sample Date	26 Dec 2023	27 Jun 2023	24 Feb 2023	---
Machine Hours	5377	4239	3454	---
Oil Hours	1138	500	1000	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---

#### TT & E IRON

1529 WEST GARNER RD

GARNER, NC

US 27529

Contact: MICHAEL STANCIL

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F:



#### OIL CONDITION

Visc @ 40°C	cSt	186	189	180	---
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#### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<1	2	2	---
Sodium	ppm	2	0	1	---
Potassium	ppm	0	1	<1	---



#### WEAR METALS

Iron	ppm	19	22	28	---
Copper	ppm	1	2	2	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	0	<1	<1	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	0	<1	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	1	<1	<1	---
Vanadium	ppm	0	0	0	---



#### ADDITIVES

Calcium	ppm	13	12	18	---
Magnesium	ppm	2	0	<1	---
Zinc	ppm	65	58	61	---
Phosphorus	ppm	2231	2220	2109	---
Barium	ppm	0	0	0	---
Boron	ppm	0	9	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 component. The condition of the oil is acceptable for the time in service.

Depot: TTENEW

Unique No: 10817113

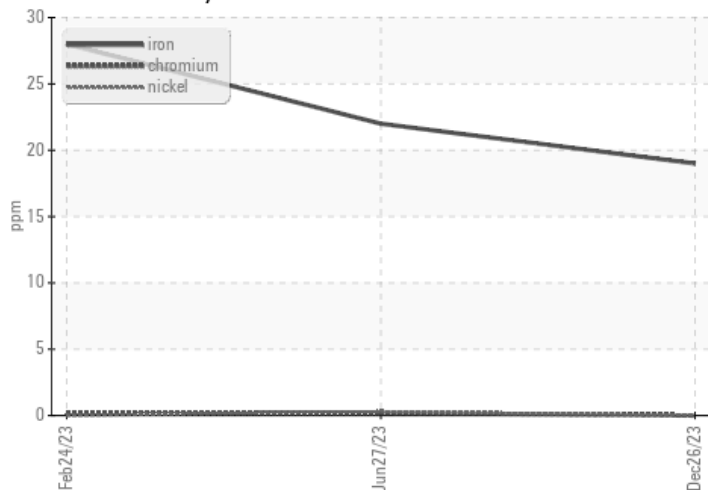
Signed: Don Baldrige

Report Date: 05 Jan 2024

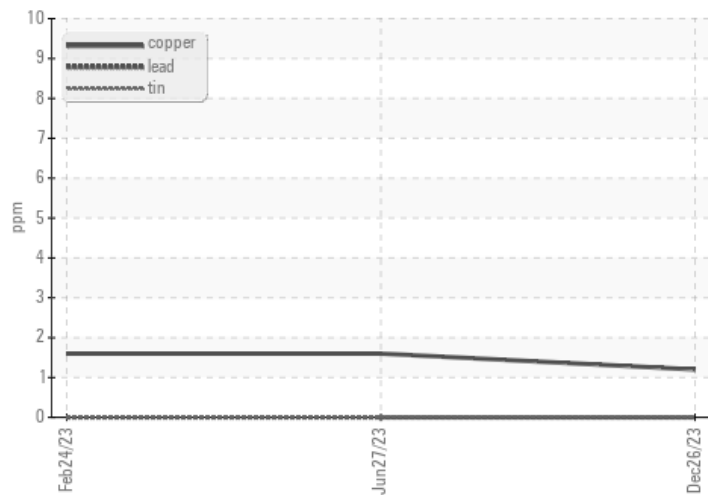


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

