

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L550 1756-59860 - Pump Drive

Sample No: LH0267594

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0267594	LH0257964	---	---
Sample Date	06 Dec 2023	13 Jul 2023	---	---
Machine Hours	9838	8893	---	---
Oil Hours	1000	1000	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

**HOMWOOD DISPOSAL**  
1501 175TH ST  
HOMWOOD, IL  
US 60430  
Contact: Service Manager



#### OIL CONDITION

Visc @ 40°C	cSt	138	135	---	---
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T:  
F:



#### CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	● 19	● 8	---	---
Sodium	ppm	● 2	● <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	● 31	● 15	---	---
Copper	ppm	● <1	● 0	---	---
Lead	ppm	0	0	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● <1	● 0	---	---
Chromium	ppm	● <1	● <1	---	---
Molybdenum	ppm	● <1	● 0	---	---
Nickel	ppm	● <1	● 0	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	● 0	● 0	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIVES

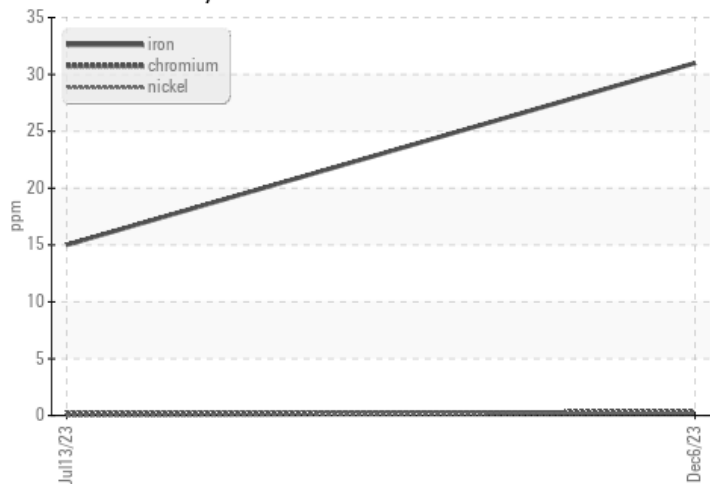
Calcium	ppm	● 46	● 37	---	---
Magnesium	ppm	● 3	● 5	---	---
Zinc	ppm	● 10	● 15	---	---
Phosphorus	ppm	● 704	● 631	---	---
Barium	ppm	● 0	● 0	---	---
Boron	ppm	● 33	● 21	---	---

**Depot:** HOMHOMLH  
**Unique No:** 10835311  
**Signed:** Don Baldrige  
**Report Date:** 20 Jan 2024

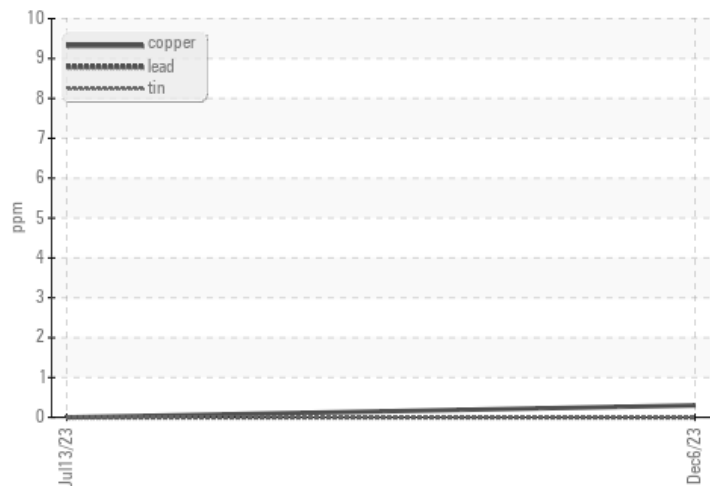


### GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

