

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [[INDY TRANSPORT]] LIEBHERR L550 052805 - Front Differen

Sample No: LH0254563

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0254563	---	---	---
Sample Date	08 Jul 2023	---	---	---
Machine Hours	10836	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

FINKBINER EQUIPMENT CO.

15 W 400 N FRONTAGE RD

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US 60527

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#### OIL CONDITION

Visc @ 40°C	cSt	● 136	---	---	---
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#### CONTAMINATION

Silicon	ppm	● 3	---	---	---
Sodium	ppm	● 0	---	---	---
Potassium	ppm	● 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	● 337	---	---	---
Copper	ppm	● 13	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● 0	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 5	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	● 3	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	● 77	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 36	---	---	---
Phosphorus	ppm	● 674	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● 31	---	---	---

Depot: LEC0033

Unique No: 10566408

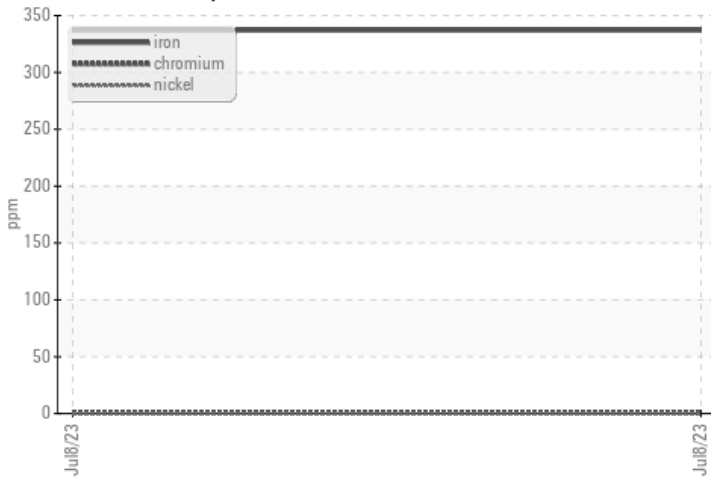
Signed: Sean Felton

Report Date: 25 Jul 2023

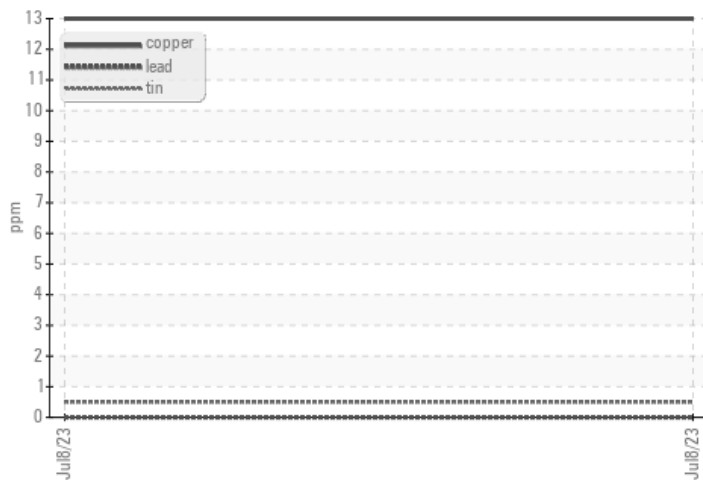


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

