

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R956 056876-1728 - Swing Drive

Sample No: LH0258851

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LH0258851	---	---	---
Sample Date	12 Feb 2024	---	---	---
Machine Hours	1075	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

#### FINKBINER EQUIPMENT CO.

15 W 400 N FRONTAGE RD  
 BURR RIDGE, IL  
 US 60527  
 Contact: DON FITZGERALD  
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 T: (815)546-8991  
 F: (630)654-3792



#### OIL CONDITION

Visc @ 40°C	cSt	● 199	---	---	---
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#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 3	---	---	---
Sodium	ppm	● 0	---	---	---
Potassium	ppm	● 0	---	---	---

#### Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. 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	● 256	---	---	---
Copper	ppm	● 96	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 17	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 1	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

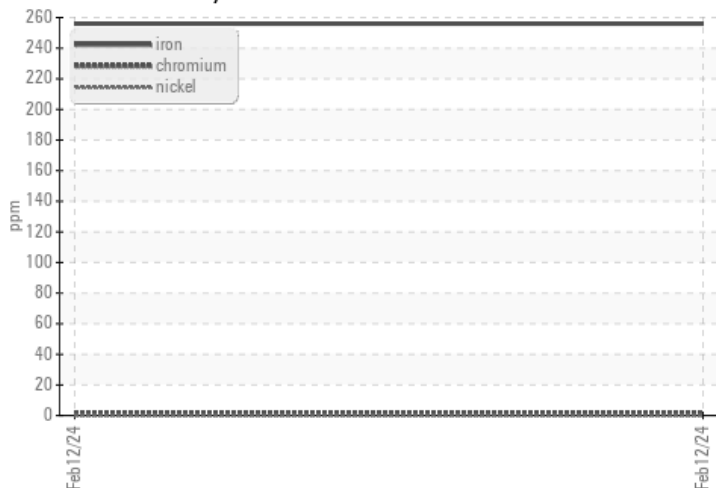
Calcium	ppm	24	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 55	---	---	---
Phosphorus	ppm	● 2065	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 0	---	---	---

Depot: LEC0033  
 Unique No: 10899460  
 Signed: Don Baldrige  
 Report Date: 28 Feb 2024

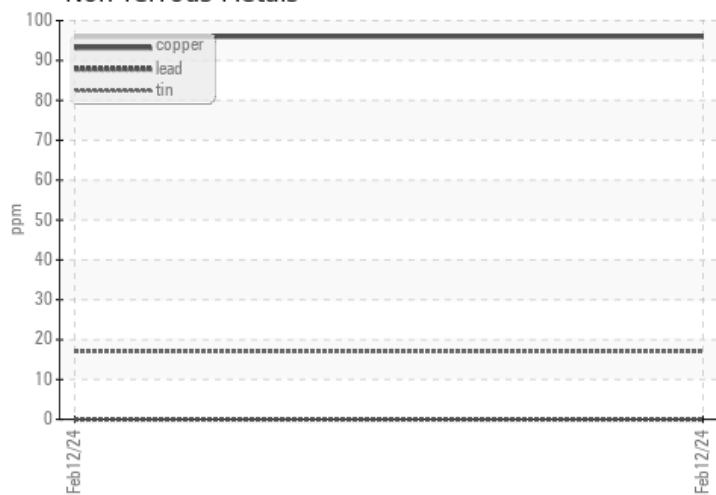


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

