

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R9150BH 038079-1857 - Swing Drive

Sample No: LH0254390

Oil Type: LIEBHERR GEAR BASIC 90 LS



**FINKBINER EQUIPMENT CO.**  
 15 W 400 N FRONTAGE RD  
 BURR RIDGE, IL  
 US 60527  
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 T: (815)546-8991  
 F: (630)654-3792



#### SAMPLE INFORMATION

Sample Number	LH0254390	---	---	---
Sample Date	27 Dec 2023	---	---	---
Machine Hours	1248	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	● 171	---	---	---
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#### CONTAMINATION

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



#### WEAR METALS

Iron	ppm	● 503	---	---	---
Copper	ppm	● 22	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 4	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 4	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	● 21	---	---	---
Magnesium	ppm	● 11	---	---	---
Zinc	ppm	● 26	---	---	---
Phosphorus	ppm	● 712	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 31	---	---	---

#### Diagnosis

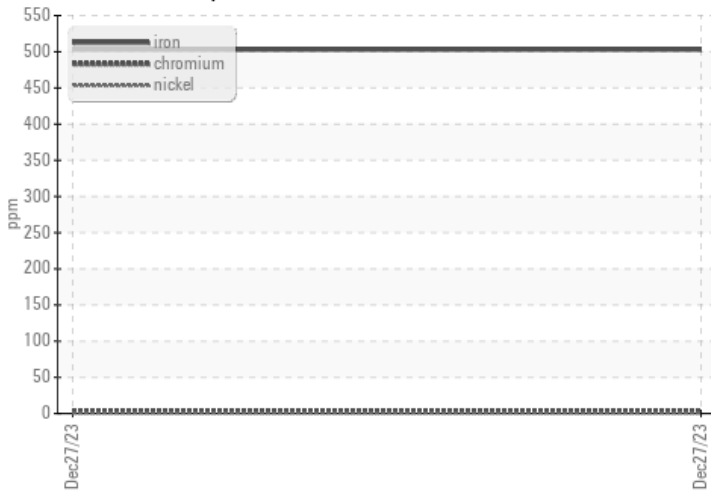
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LEC0033  
 Unique No: 10833629  
 Signed: Don Baldrige  
 Report Date: 18 Jan 2024

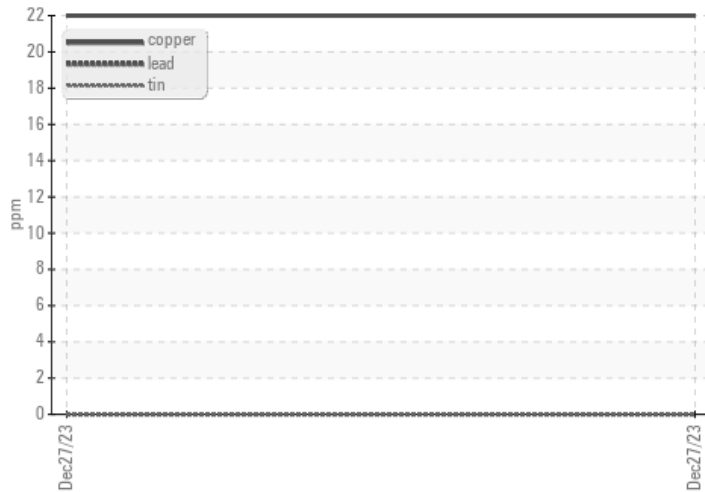


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

