

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [[INDY TRANSPORT]] LIEBHERR L550 052805 - Rear Differential

Sample No: LH0254564

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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#### SAMPLE INFORMATION

Sample Number	LH0254564	---	---	---
Sample Date	08 Jul 2023	---	---	---
Machine Hours	10836	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

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

Silicon	ppm	● 3	---	---	---
Sodium	ppm	● <1	---	---	---
Potassium	ppm	● 1	---	---	---



#### WEAR METALS

Iron	ppm	● 356	---	---	---
Copper	ppm	● 11	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 3	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 3	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	● 32	---	---	---
Magnesium	ppm	● 0	---	---	---
Zinc	ppm	● 14	---	---	---
Phosphorus	ppm	● 714	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 35	---	---	---

#### Diagnosis

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

**Depot:** LEC0033  
**Unique No:** 10564292  
**Signed:** Don Baldrige  
**Report Date:** 21 Jul 2023

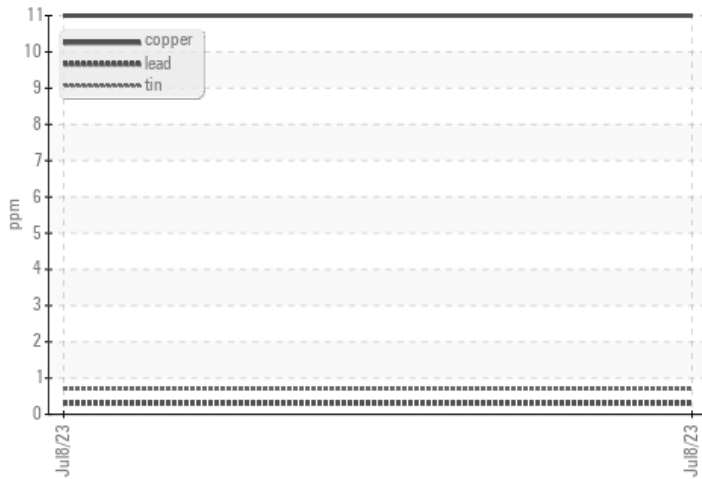


### GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

