

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR PR766 023058-1681 - Left Final Drive

Sample No: LH0273670  
 Oil Type: GEAR OIL SAE 75W90



**RECO EQUIPMENT INC**  
 10461 GRAND RIVER RD  
 BRIGHTON, MI  
 US 48116  
 Contact: MATT VISEL  
 MVISEL@RECOEQUIP.COM  
 T: (810)299-1731  
 F:



#### Sample Information

Sample Number	LH0273670	---	---	---
Sample Date	15 May 2024	---	---	---
Machine Hours	946	---	---	---
Oil Hours	946	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---



#### Oil Condition

Visc @ 40°C	cSt	● 134	---	---	---
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#### Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 10	---	---	---
Sodium	ppm	● 3	---	---	---
Potassium	ppm	● 2	---	---	---



#### Wear Metals

Iron	ppm	● 66	---	---	---
Copper	ppm	● 228	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 6	---	---	---
Aluminum	ppm	● 1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 1	---	---	---
Vanadium	ppm	0	---	---	---



#### Additives

Calcium	ppm	● 69	---	---	---
Magnesium	ppm	● 6	---	---	---
Zinc	ppm	● 35	---	---	---
Phosphorus	ppm	● 1286	---	---	---
Barium	ppm	● 27	---	---	---
Boron	ppm	● 145	---	---	---

#### Diagnosis

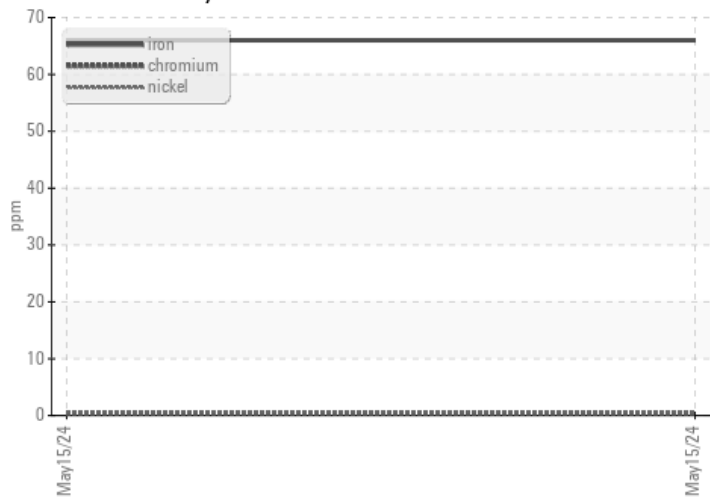
The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor. The copper level is abnormal. All other component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: RECBRILH  
 Unique No: 11047561  
 Signed: Sean Felton  
 Report Date: 29 May 2024

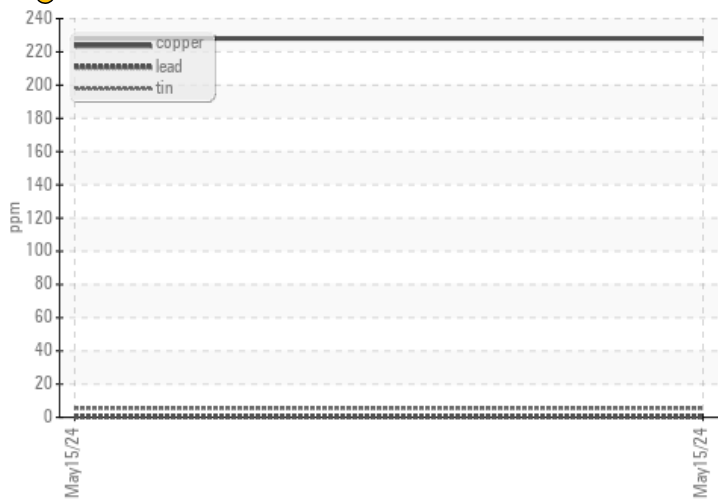


### Graphs

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

