

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 144901-1216 - Front Left Wheel Hub

Sample No: LH0259159

Oil Type: GEAR OIL SAE 80W90



**DERICHEBOURG RECYCLING**  
 1 WHARF ST  
 HOUSTON, TX  
 US 77012  
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 T: (281)642-6680  
 F:



#### SAMPLE INFORMATION

Sample Number	LH0259159	---	---	---
Sample Date	27 Feb 2024	---	---	---
Machine Hours	2327	---	---	---
Oil Hours	817	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	● 138	---	---	---
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#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 12	---	---	---
Sodium	ppm	● 0	---	---	---
Potassium	ppm	● 2	---	---	---



#### WEAR METALS

Iron	ppm	● 34	---	---	---
Copper	ppm	● 20	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 5	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	● <1	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 1	---	---	---
Vanadium	ppm	● <1	---	---	---



#### ADDITIVES

Calcium	ppm	● 81	---	---	---
Magnesium	ppm	● 7	---	---	---
Zinc	ppm	● 23	---	---	---
Phosphorus	ppm	● 1493	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 118	---	---	---

#### Diagnosis

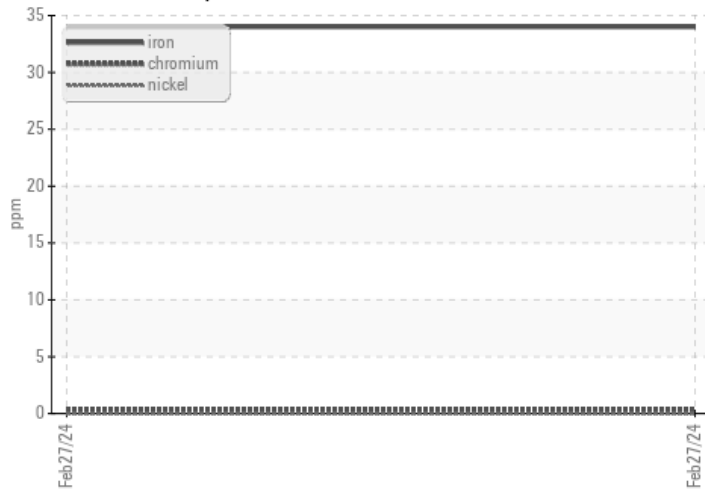
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: DERHOU  
 Unique No: 10927939  
 Signed: Wes Davis  
 Report Date: 19 Mar 2024

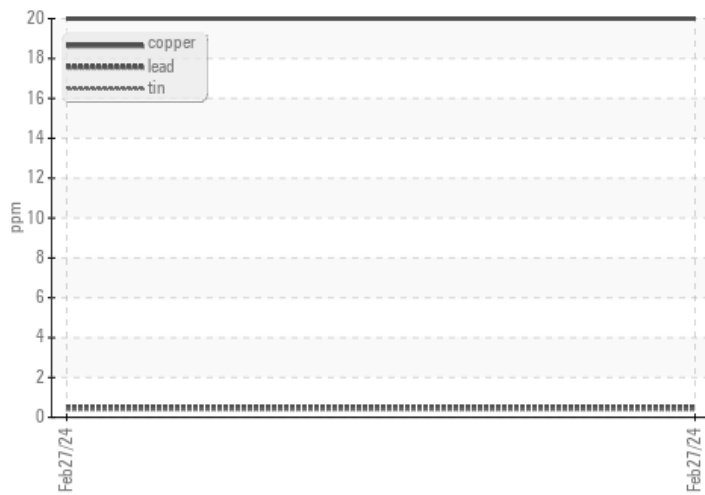


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

