

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L556 072521-1826 - Transmission (Manual)

Sample No: LH0259153

Oil Type: LIEBHERR GEAR MF 80W



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



#### Sample Information

Sample Number	LH0259153	---	---	---
Sample Date	05 Apr 2024	---	---	---
Machine Hours	681	---	---	---
Oil Hours	681	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



#### Oil Condition

Visc @ 40°C	cSt	● 44.3	---	---	---
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#### Contamination

Water	%	NEG	---	---	---
Silicon	ppm	● 9	---	---	---
Sodium	ppm	● 16	---	---	---
Potassium	ppm	● 3	---	---	---



#### Wear Metals

Iron	ppm	● 7	---	---	---
Copper	ppm	● 4	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 2	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	0	---	---	---



#### Additives

Calcium	ppm	● 3426	---	---	---
Magnesium	ppm	● 8	---	---	---
Zinc	ppm	● 1433	---	---	---
Phosphorus	ppm	● 1185	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● 120	---	---	---

#### Diagnosis

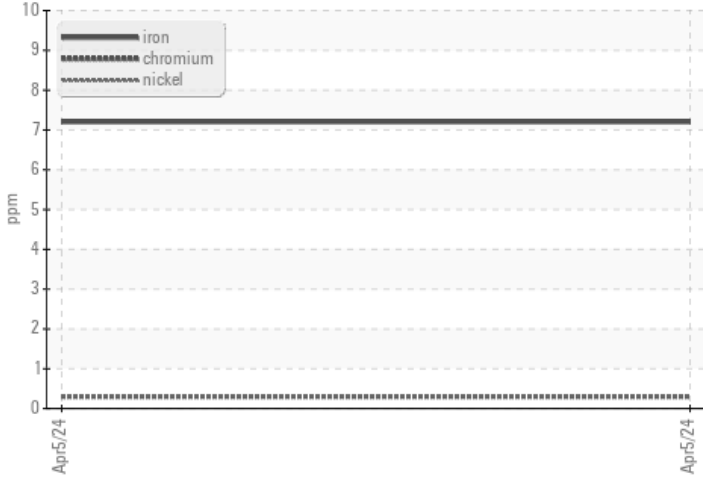
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

Depot: DERHOU  
 Unique No: 11088042  
 Signed: Sean Felton  
 Report Date: 21 Jun 2024

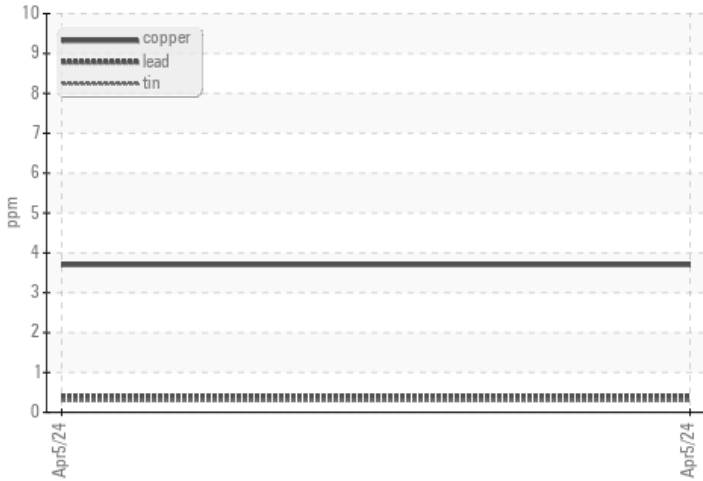


### Graphs

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

