

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### ASTEC FT4250 416898 - Left Final Drive

Sample No: LH0258850

Oil Type: GEAR OIL SAE 80W90



#### Sample Information

Sample Number	LH0258850	LHMC97122	---	---
Sample Date	29 Feb 2024	26 Feb 2021	---	---
Machine Hours	7106	3978	---	---
Oil Hours	1000	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

**MIDDLE RIVER MARINE**  
 1771 SOUTH TORRENCE AVE  
 CHICAGO, IL  
 US 60617  
 Contact: Scott Molitor  
 scottmolitor@gomiddleriver.com  
 T:  
 F:



#### Oil Condition

Visc @ 40°C	cSt	133	133	---	---
-------------	-----	-----	-----	-----	-----



#### Contamination

Water	%	NEG	NEG	---	---
Silicon	ppm	1	<1	---	---
Sodium	ppm	5	1	---	---
Potassium	ppm	0	<1	---	---



#### Wear Metals

Iron	ppm	46	1	---	---
Copper	ppm	2	<1	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	<1	<1	---	---
Aluminum	ppm	0	0	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	<1	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	1	0	---	---
Vanadium	ppm	0	0	---	---



#### Additives

Calcium	ppm	0	10	---	---
Magnesium	ppm	0	0	---	---
Zinc	ppm	0	0	---	---
Phosphorus	ppm	1086	1015	---	---
Barium	ppm	0	0	---	---
Boron	ppm	209	184	---	---

#### Diagnosis

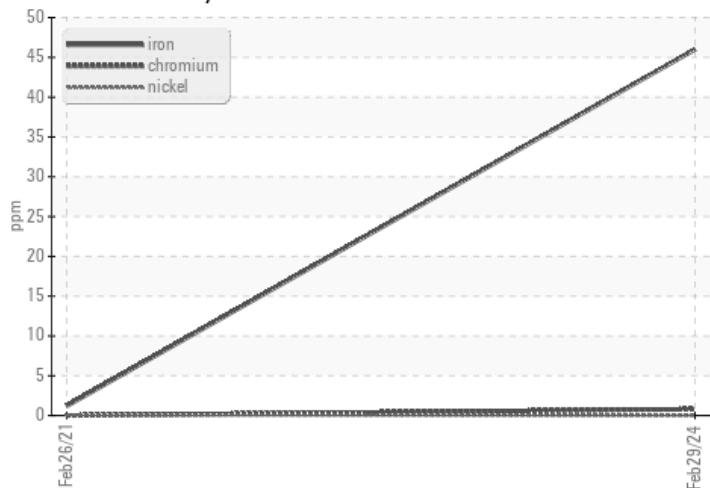
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: MIDCHIL  
 Unique No: 11002932  
 Signed: Wes Davis  
 Report Date: 29 Apr 2024

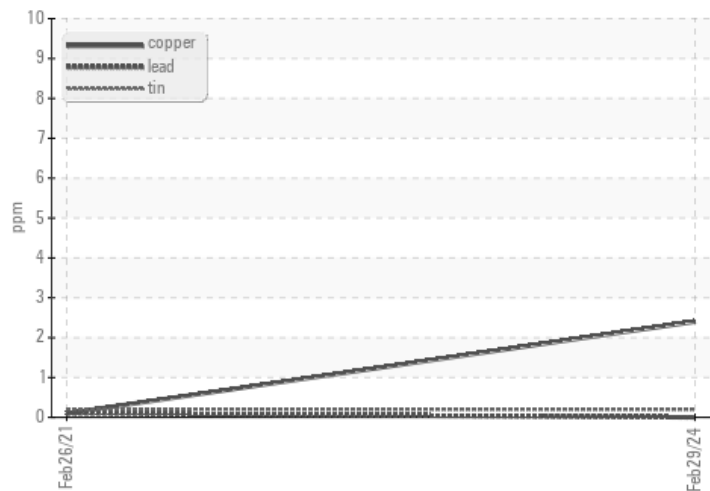


### Graphs

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

