

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 157351-1216 - Splitter Box

Sample No: LHMC133243

Oil Type: LIEBHERR GEAR BASIC 90 LS



#### SAMPLE INFORMATION

Sample Number	LHMC133243	---	---	---
Sample Date	08 Mar 2024	---	---	---
Machine Hours	546	---	---	---
Oil Hours	546	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

**ALTER TRADING**  
 2424 CLARKE STREET  
 PEORIA, IL  
 US 61602  
 Contact: Service Manager



#### OIL CONDITION

Visc @ 40°C	cSt	● 192	---	---	---
-------------	-----	-------	-----	-----	-----

T:  
 F:



#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● <1	---	---	---
Sodium	ppm	● 4	---	---	---
Potassium	ppm	● 0	---	---	---

#### Diagnosis

Resample at the next service interval to monitor. 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.



#### WEAR METALS

Iron	ppm	● 19	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 3	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

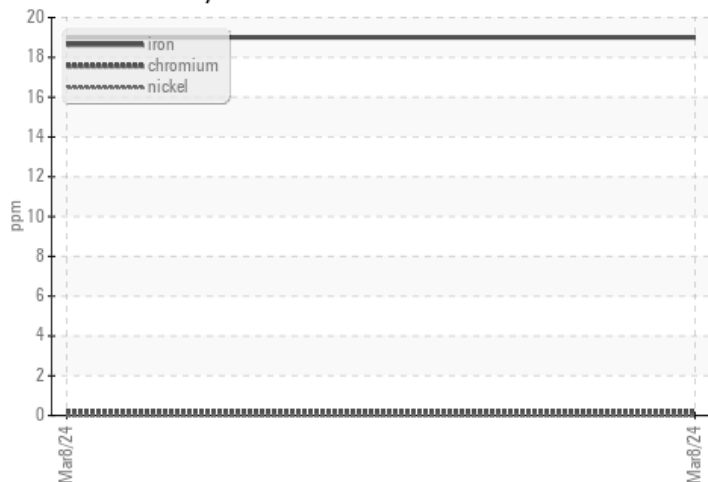
Calcium	ppm	● 15	---	---	---
Magnesium	ppm	● 3	---	---	---
Zinc	ppm	● 6	---	---	---
Phosphorus	ppm	● 1767	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 7	---	---	---

**Depot:** ALTPEO  
**Unique No:** 10937408  
**Signed:** Wes Davis  
**Report Date:** 20 Mar 2024

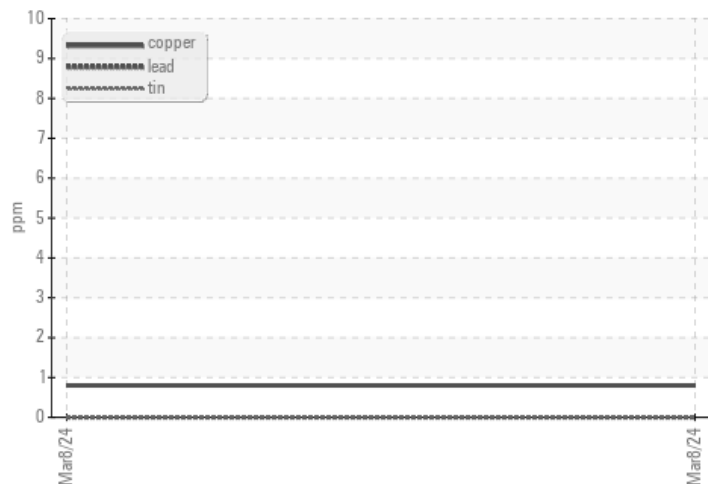


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

