

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R926LC 045709-1488 - Splitter Box

Sample No: LH0258989

Oil Type: LIEBHERR GEAR BASIC 90 LS



**M&F CONCRETE PRODUCTS CO**  
 4002 CATLETT RD  
 CATLETT, VA  
 US 20119  
 Contact: Service Manager



#### SAMPLE INFORMATION

Sample Number	LH0258989	---	---	---
Sample Date	26 Oct 2023	---	---	---
Machine Hours	4010	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	SEVERE	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	● 195	---	---	---
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#### CONTAMINATION

Water	%	● 1.31	---	---	---
Silicon	ppm	● 10	---	---	---
Sodium	ppm	● 4	---	---	---
Potassium	ppm	● 10	---	---	---



#### WEAR METALS

Iron	ppm	● 1632	---	---	---
Copper	ppm	● 677	---	---	---
Lead	ppm	● 7	---	---	---
Tin	ppm	● 12	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 17	---	---	---
Molybdenum	ppm	● 2	---	---	---
Nickel	ppm	● 2	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 14	---	---	---
Vanadium	ppm	<1	---	---	---



#### ADDITIVES

Calcium	ppm	● 17	---	---	---
Magnesium	ppm	● 16	---	---	---
Zinc	ppm	● 407	---	---	---
Phosphorus	ppm	● 1741	---	---	---
Barium	ppm	● 7	---	---	---
Boron	ppm	● 10	---	---	---

T:  
F:

#### Diagnosis

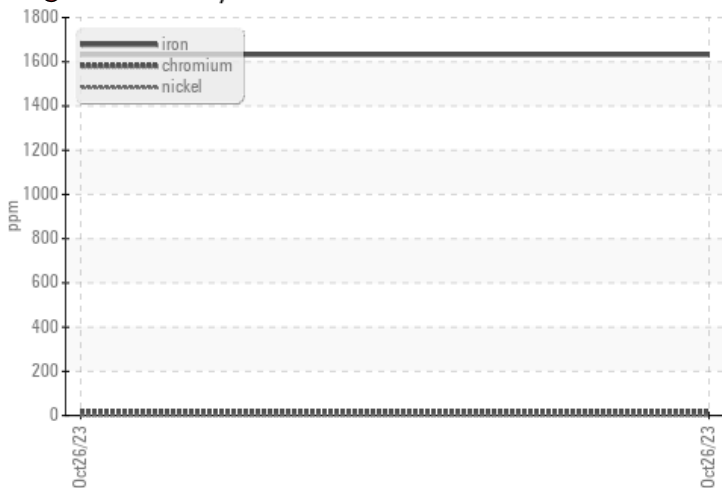
We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. Bearing and/or bushing wear is indicated. There is a high concentration of water present in the oil. The oil is no longer serviceable due to the presence of contaminants.

Depot: MECCAT  
 Unique No: 10778742  
 Signed: Don Baldrige  
 Report Date: 11 Dec 2023

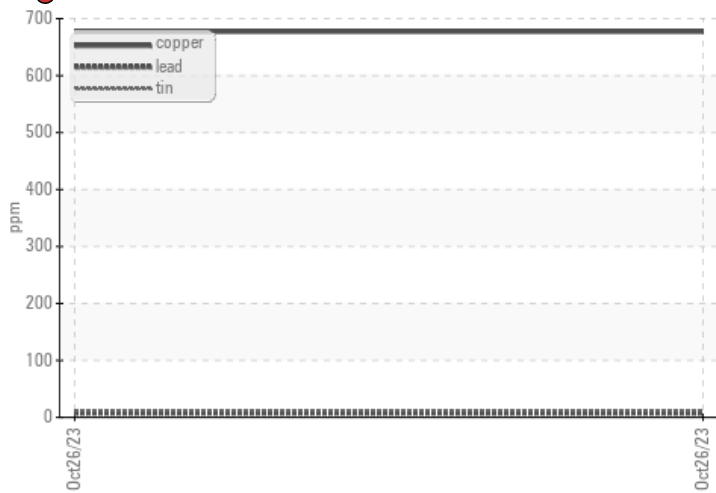


### GRAPHS

#### ● Ferrous Alloys



#### ● Non-ferrous Metals



#### Viscosity @ 40°C

