

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R936LC 047283-1490 - Left Final Drive

Sample No: LH0268289

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	LH0268289	---	---	---
Sample Date	13 Oct 2023	---	---	---
Machine Hours	3494	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	ATTENTION	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	327	---	---	---
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T:  
F:



#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	39	---	---	---
Sodium	ppm	7	---	---	---
Potassium	ppm	16	---	---	---

#### 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 oil viscosity is higher than normal. Confirm oil type.



#### WEAR METALS

Iron	ppm	173	---	---	---
Copper	ppm	<1	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	10	---	---	---
Chromium	ppm	2	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	2	---	---	---
Vanadium	ppm	<1	---	---	---



#### ADDITIVES

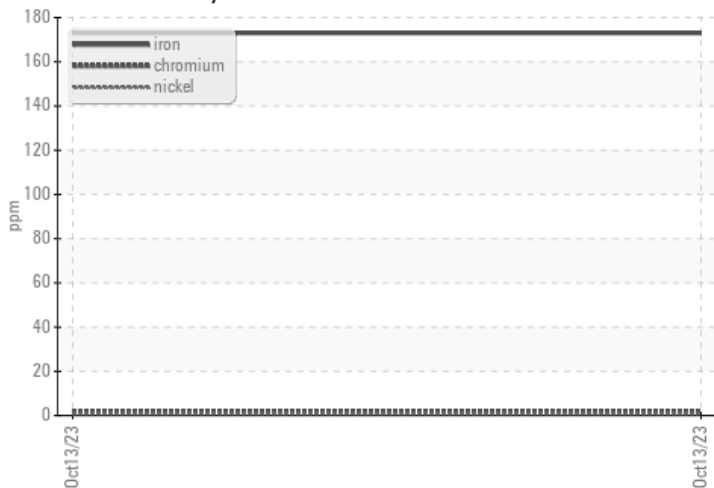
Calcium	ppm	18	---	---	---
Magnesium	ppm	<1	---	---	---
Zinc	ppm	27	---	---	---
Phosphorus	ppm	1400	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	1	---	---	---

**Depot:** MECCAT  
**Unique No:** 10778740  
**Signed:** Don Baldrige  
**Report Date:** 11 Dec 2023

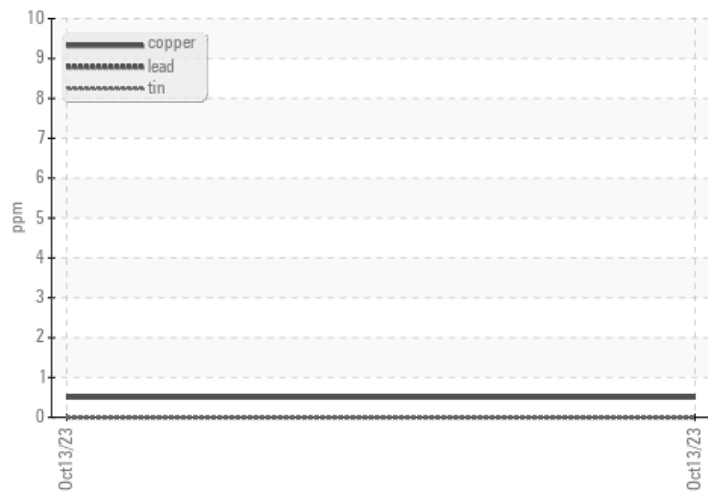


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### ● Viscosity @ 40°C

