

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH110CP 140448-1228 - Left Final Drive

Sample No: LH0259115

Oil Type: LIEBHERR GEAR BASIC 90 LS



**NUECES POWER EQUIPMENT**  
 7667 N SAM HOUSTON PKWY EAST  
 HUMBLE, TX  
 US 77396  
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#### SAMPLE INFORMATION

Sample Number	LH0259115	---	---	---
Sample Date	09 Feb 2024	---	---	---
Machine Hours	1063	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	● 181	---	---	---
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#### CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● <1	---	---	---
Sodium	ppm	● 0	---	---	---
Potassium	ppm	● 2	---	---	---



#### WEAR METALS

Iron	ppm	● 27	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● <1	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 1	---	---	---
Vanadium	ppm	<1	---	---	---



#### ADDITIVES

Calcium	ppm	● 14	---	---	---
Magnesium	ppm	● 1	---	---	---
Zinc	ppm	● 11	---	---	---
Phosphorus	ppm	● 2412	---	---	---
Barium	ppm	● 0	---	---	---
Boron	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.

Depot: NUEHUM  
 Unique No: 10927933  
 Signed: Wes Davis  
 Report Date: 19 Mar 2024

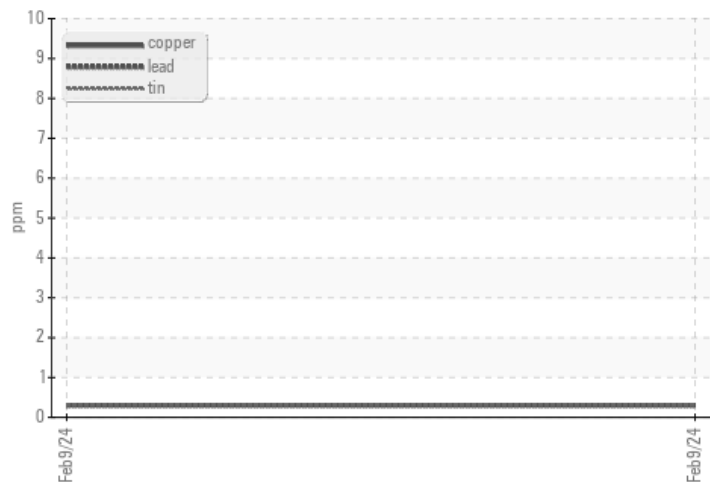


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

