

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH110CP 140448-1228 - Right Final Drive

Sample No: LH0259113

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	LH0259113	---	---	---
Sample Date	09 Feb 2024	---	---	---
Machine Hours	1063	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 182	---	---	---
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CONTAMINATION

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



WEAR METALS

Iron	ppm	● 31	---	---	---
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	● 7	---	---	---
Magnesium	ppm	● 1	---	---	---
Zinc	ppm	● 8	---	---	---
Phosphorus	ppm	● 2556	---	---	---
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: 10927934
 Signed: Wes Davis
 Report Date: 19 Mar 2024

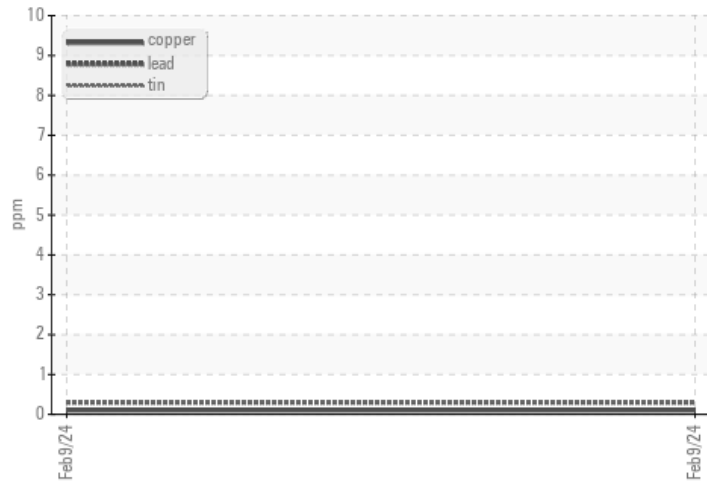


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

