

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH110CP 140448-1228 - Swing Drive

Sample No: LH0259112

Oil Type: LIEBHERR GEAR BASIC 90 LS



NUECES POWER EQUIPMENT
 7667 N SAM HOUSTON PKWY EAST
 HUMBLE, TX
 US 77396
 Contact: SARKES GONZALEZ
 sgonzalez@npetex.com
 T: (713)247-0066
 F: (713)941-2262



SAMPLE INFORMATION

Sample Number	LH0259112	---	---	---
Sample Date	09 Feb 2024	---	---	---
Machine Hours	1063	---	---	---
Oil Hours	1000	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 184	---	---	---
-------------	-----	-------	-----	-----	-----



CONTAMINATION

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



WEAR METALS

Iron	ppm	● 161	---	---	---
Copper	ppm	● 45	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 12	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● <1	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 2	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

Calcium	ppm	● 5	---	---	---
Magnesium	ppm	● 3	---	---	---
Zinc	ppm	24	---	---	---
Phosphorus	ppm	● 2494	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 0	---	---	---

Diagnosis

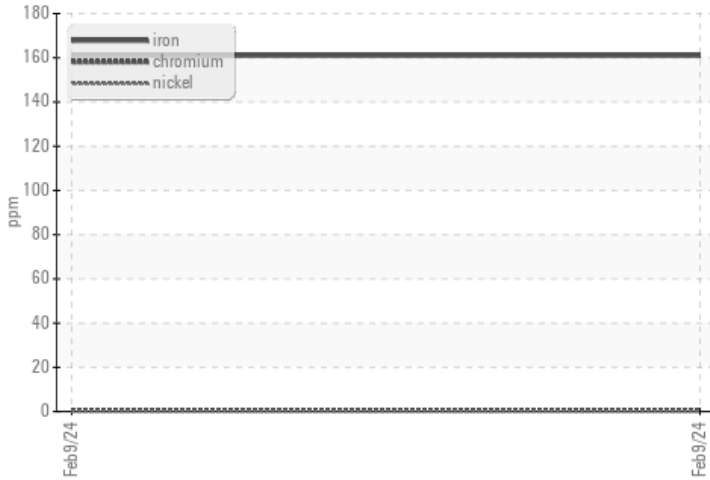
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: NUEHUM
 Unique No: 10927935
 Signed: Jonathan Hester
 Report Date: 20 Mar 2024

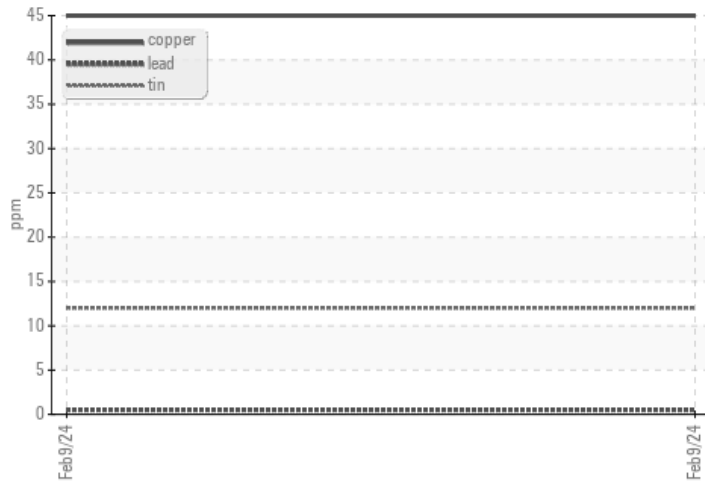


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

