

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH110CP LH0273460 (S/N 129731-1228) - Final Driv

Sample No: LH0273460

Oil Type: LIEBHERR GEAR BASIC 90 LS



LIEBHERR EQUIPMENT SOURCE
 10119 RESIDENCY ROAD
 MANASSAS, VA
 US 20110
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 F: (703)331-5604



Sample Information

Sample Number	LH0273460	---	---	---
Sample Date	10 May 2024	---	---	---
Machine Hours	1901	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



Oil Condition

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

Water	%	NEG	---	---	---
Silicon	ppm	● 2	---	---	---
Sodium	ppm	● 6	---	---	---
Potassium	ppm	● 3	---	---	---



Wear Metals

Iron	ppm	● 48	---	---	---
Copper	ppm	● 0	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 1	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	● 61	---	---	---
Magnesium	ppm	● 0	---	---	---
Zinc	ppm	24	---	---	---
Phosphorus	ppm	● 2267	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 2	---	---	---

Diagnosis

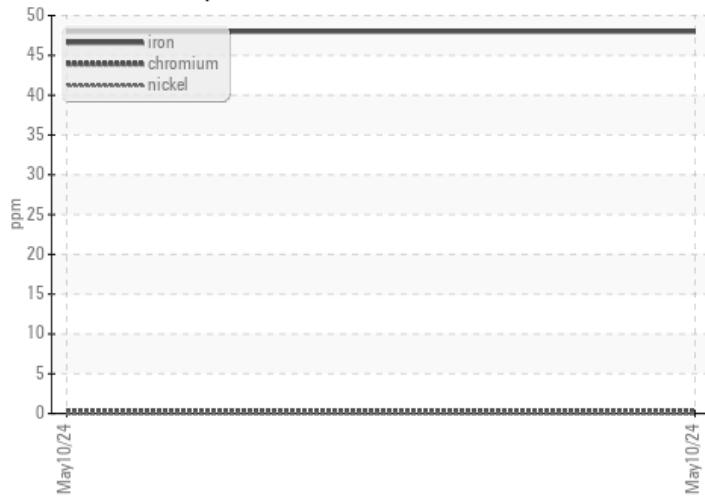
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LIEBHERRVA
 Unique No: 11044867
 Signed: Wes Davis
 Report Date: 28 May 2024

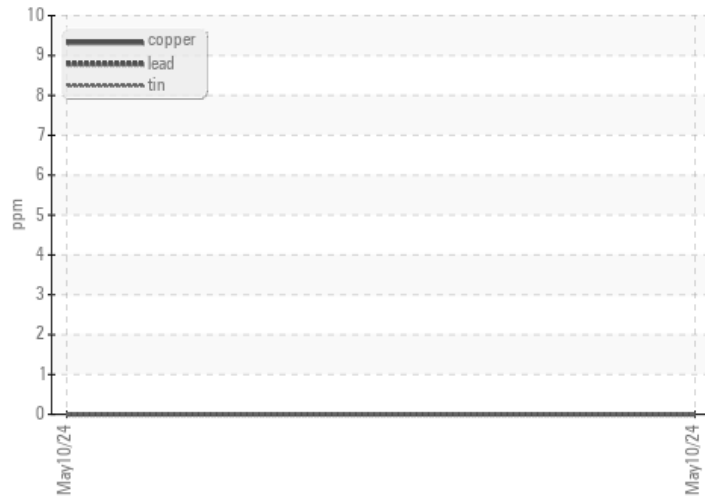


Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

