

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR R944 042563-194 - Front Right Final Drive

Sample No: LH0243881

Oil Type: LIEBHERR GEAR BASIC 90 LS



LIEBHERR EQUIPMENT SOURCE
 4100 CHESTNUT AVENUE
 NEWPORT NEWS, VA
 US 23607
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 F: x:



SAMPLE INFORMATION

Sample Number	LH0243881	LH0220406	---	---
Sample Date	29 Feb 2024	03 Oct 2022	---	---
Machine Hours	29512	28033	---	---
Oil Hours	0	2000	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	336	328	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	13	8	---	---
Sodium	ppm	2	<1	---	---
Potassium	ppm	3	0	---	---



WEAR METALS

Iron	ppm	125	58	---	---
Copper	ppm	7	4	---	---
Lead	ppm	0	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	4	3	---	---
Chromium	ppm	<1	0	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	<1	0	---	---
Manganese	ppm	2	1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	29	7	---	---
Magnesium	ppm	4	3	---	---
Zinc	ppm	27	18	---	---
Phosphorus	ppm	952	807	---	---
Barium	ppm	0	0	---	---
Boron	ppm	150	146	---	---

Diagnosis

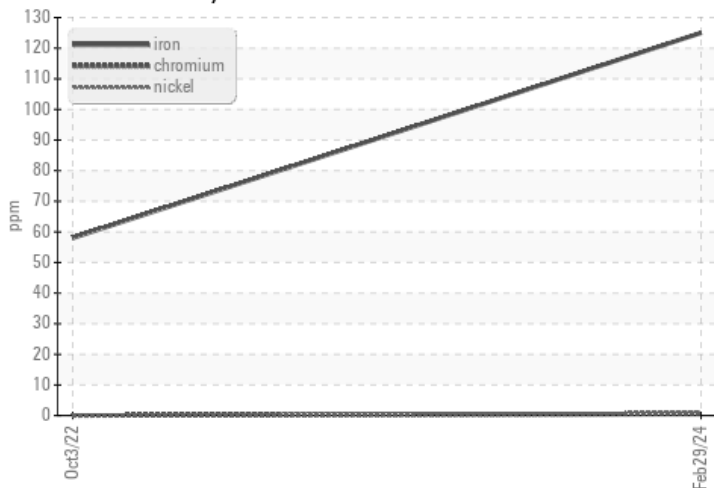
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. Confirm oil type. The condition of the oil is acceptable for the time in service.

Depot: LIEBHERRUS
 Unique No: 10915843
 Signed: Don Baldrige
 Report Date: 11 Mar 2024

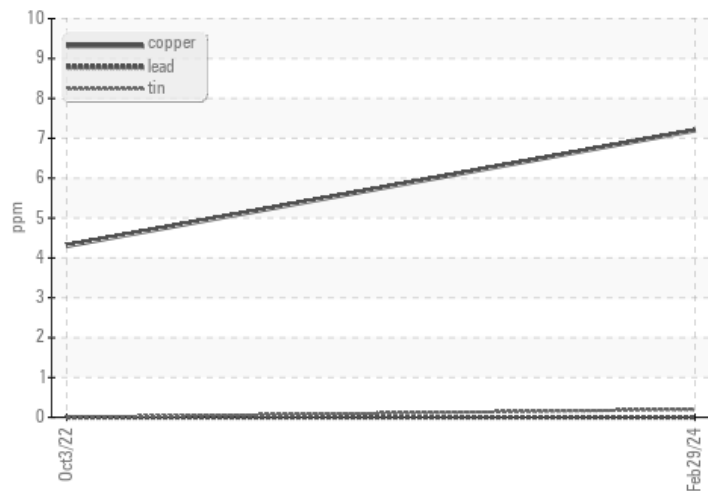


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

