

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L528 040762-1267 - Front Differential

Sample No: LH0268838

Oil Type: LIEBHERR GEAR BASIC 90 LS



FINKBINER EQUIPMENT CO.
 15 W 400 N FRONTAGE RD
 BURR RIDGE, IL
 US 60527
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 F: (630)654-3792



SAMPLE INFORMATION

Sample Number	LH0268838	---	---	---
Sample Date	11 Jan 2024	---	---	---
Machine Hours	1765	---	---	---
Oil Hours	1765	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 194	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 19	---	---	---
Sodium	ppm	● 4	---	---	---
Potassium	ppm	● 3	---	---	---



WEAR METALS

Iron	ppm	● 105	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 21	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 22	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 71	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 8	---	---	---
Phosphorus	ppm	● 2189	---	---	---
Barium	ppm	● 7	---	---	---
Boron	ppm	● 2	---	---	---

Diagnosis

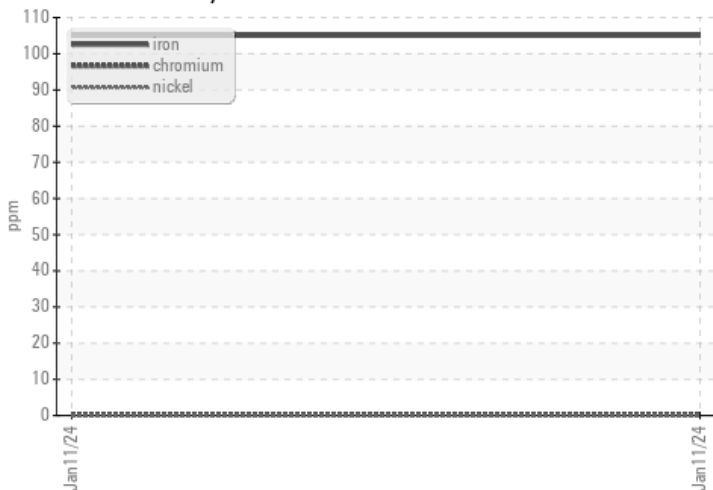
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: LEC0033
 Unique No: 10863052
 Signed: Sean Felton
 Report Date: 07 Feb 2024

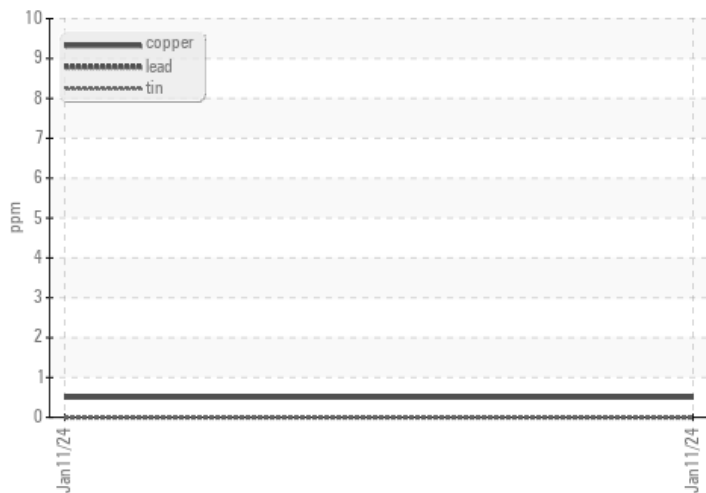


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

