

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L528 040762-1267 - Rear Differential

Sample No: LH0268834

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0268834	---	---	---
Sample Date	11 Jan 2024	---	---	---
Machine Hours	1765	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

FINKBINER EQUIPMENT CO.

15 W 400 N FRONTAGE RD

BURR RIDGE, IL

US 60527

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OIL CONDITION

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

Water	%	NEG	---	---	---
Silicon	ppm	● 17	---	---	---
Sodium	ppm	● 3	---	---	---
Potassium	ppm	● 3	---	---	---

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.



WEAR METALS

Iron	ppm	● 121	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 7	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	20	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	● 80	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 12	---	---	---
Phosphorus	ppm	● 2192	---	---	---
Barium	ppm	● 6	---	---	---
Boron	ppm	● 2	---	---	---

Depot: LEC0033

Unique No: 10863050

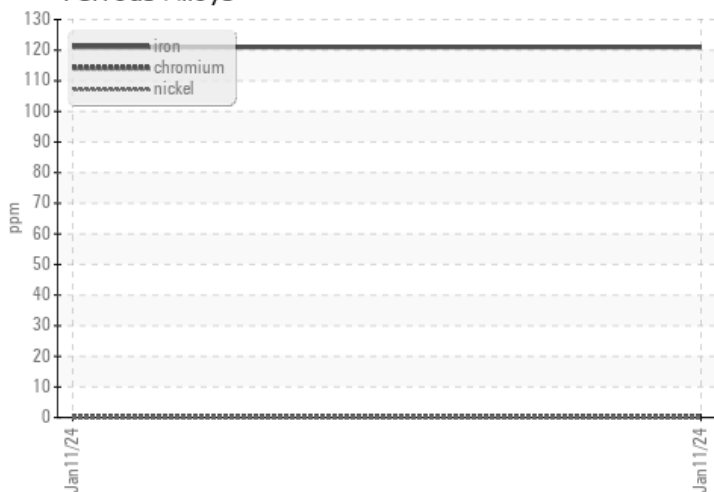
Signed: Wes Davis

Report Date: 06 Feb 2024

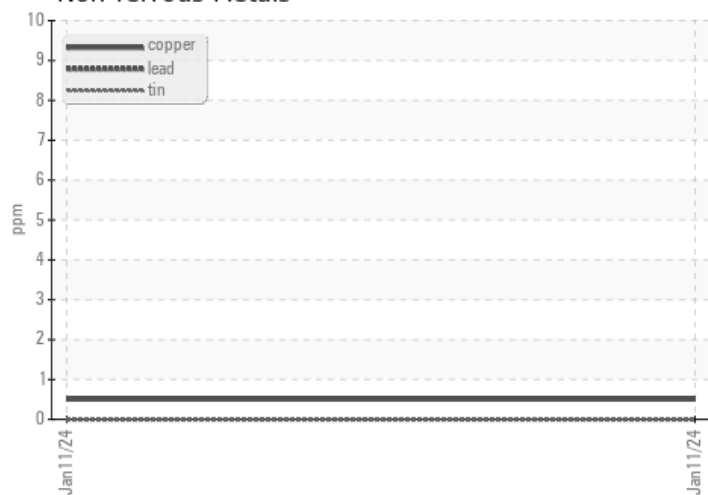


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

