

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L528 040762-1267 - Front Right Wheel Hub

Sample No: LH0268833

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0268833	---	---	---
Sample Date	11 Jan 2024	---	---	---
Machine Hours	1765	---	---	---
Oil Hours	1765	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

FINKBINER EQUIPMENT CO.

15 W 400 N FRONTAGE RD
 BURR RIDGE, IL
 US 60527
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 T: (815)546-8991
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OIL CONDITION

Visc @ 40°C	cSt	● 185	---	---	---
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CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 21	---	---	---
Sodium	ppm	● <1	---	---	---
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	● 173	---	---	---
Copper	ppm	● <1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 2	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 5	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

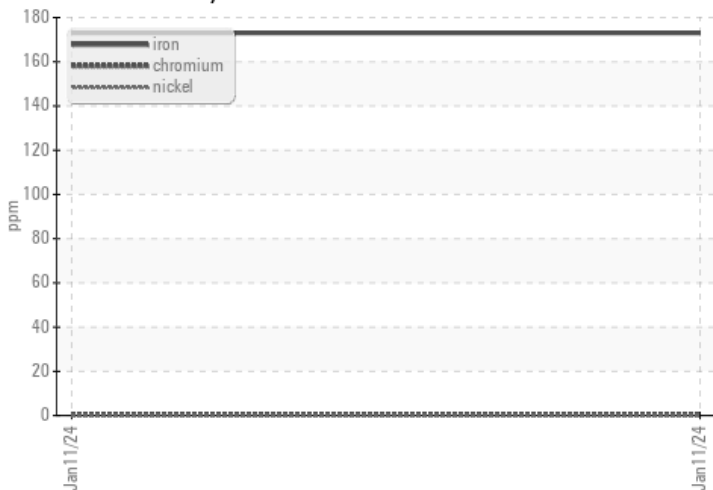
Calcium	ppm	● 74	---	---	---
Magnesium	ppm	● 1	---	---	---
Zinc	ppm	25	---	---	---
Phosphorus	ppm	● 2173	---	---	---
Barium	ppm	● 10	---	---	---
Boron	ppm	● 30	---	---	---

Depot: LEC0033
 Unique No: 10863051
 Signed: Wes Davis
 Report Date: 06 Feb 2024

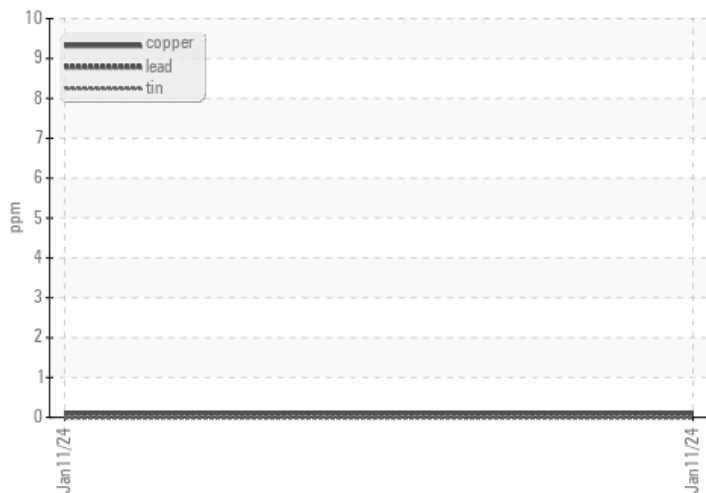


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

