

LIEBHERR

CONSTRUCTION EQUIPMENT



[[ECO BLOCK]] LIEBHERR L566 032676-1168 - Rear Right Whe

Sample No: LH0258540

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0258540	LHMC123963	---	---
Sample Date	26 Feb 2024	30 Oct 2018	---	---
Machine Hours	20859	14366	---	---
Oil Hours	1000	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	SEVERE	---	---

FINKBINER EQUIPMENT CO.

15 W 400 N FRONTAGE RD

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US 60527

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OIL CONDITION

Visc @ 40°C	cSt	136	137.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	3	74	---	---
Sodium	ppm	3	3	---	---
Potassium	ppm	<1	0	---	---

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	315	2228	---	---
Copper	ppm	<1	18	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	2	0	---	---
Aluminum	ppm	<1	10	---	---
Chromium	ppm	2	38	---	---
Molybdenum	ppm	29	178	---	---
Nickel	ppm	<1	2	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	24	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

Calcium	ppm	61	22	---	---
Magnesium	ppm	0	5	---	---
Zinc	ppm	26	28	---	---
Phosphorus	ppm	806	1327	---	---
Barium	ppm	3	1	---	---
Boron	ppm	49	6	---	---

Depot: LEC0033

Unique No: 10950646

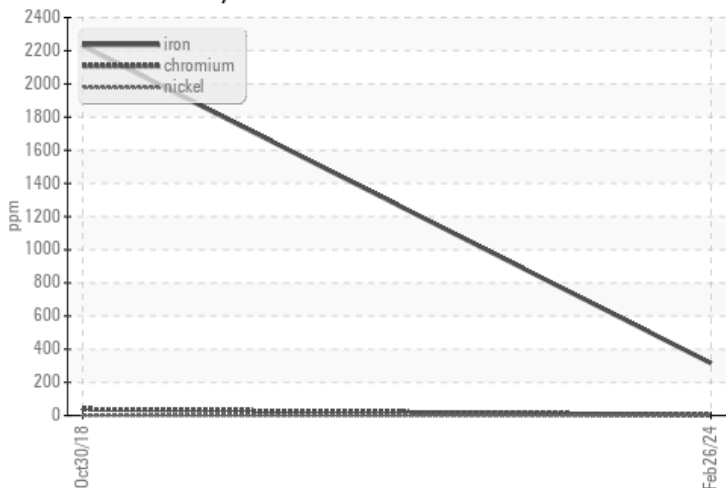
Signed: Don Baldrige

Report Date: 01 Apr 2024

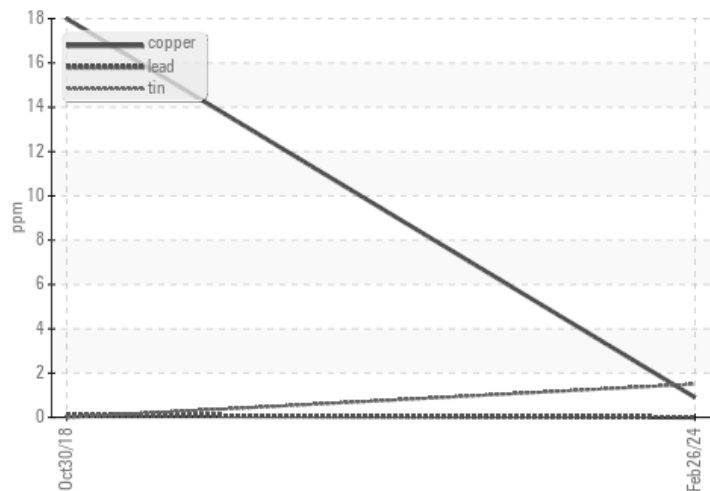


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

