

LIEBHERR

CONSTRUCTION EQUIPMENT



[[ECO BLOCK]] LIEBHERR L566 032676-1168 - Rear Left Wheel

Sample No: LH0273343

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0273343	LHMC123941	---	---
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
 BURR RIDGE, IL
 US 60527
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OIL CONDITION

Visc @ 40°C	cSt	136	138.9	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	2	69	---	---
Sodium	ppm	4	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	355	2197	---	---
Copper	ppm	1	18	---	---
Lead	ppm	0	0	---	---
Tin	ppm	1	0	---	---
Aluminum	ppm	<1	10	---	---
Chromium	ppm	2	37	---	---
Molybdenum	ppm	33	175	---	---
Nickel	ppm	<1	2	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	24	---	---
Vanadium	ppm	<1	0	---	---



ADDITIVES

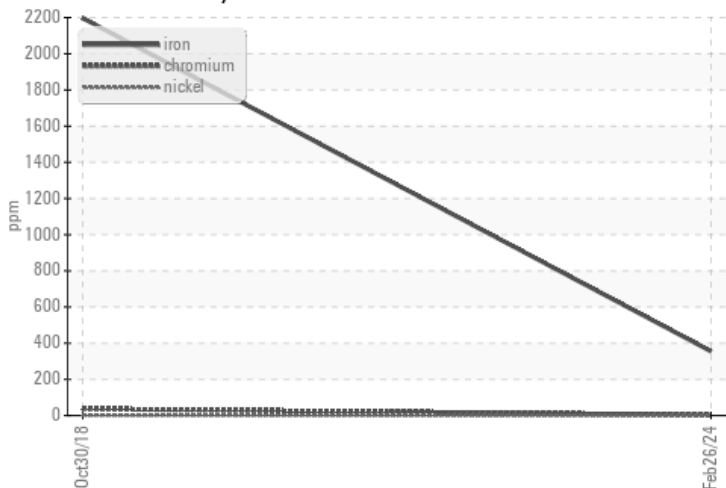
Calcium	ppm	32	22	---	---
Magnesium	ppm	0	5	---	---
Zinc	ppm	9	28	---	---
Phosphorus	ppm	869	1313	---	---
Barium	ppm	4	1	---	---
Boron	ppm	58	4	---	---

Depot: LEC0033
Unique No: 10950673
Signed: Don Baldrige
Report Date: 01 Apr 2024

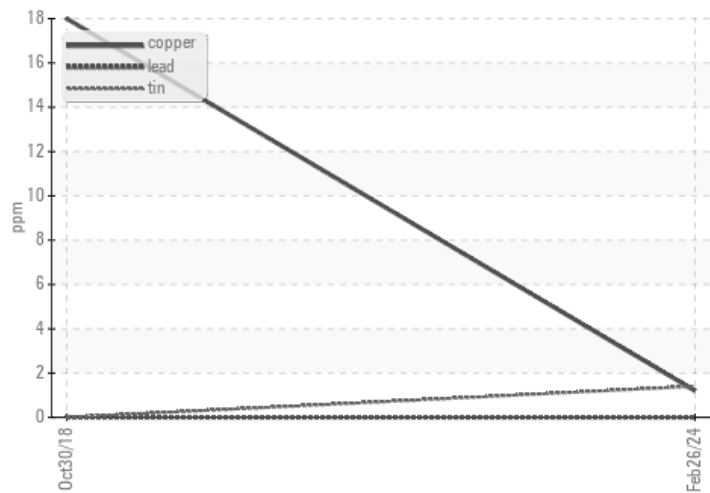


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

