

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L566 1332-62108 - Rear Right Wheel Hub

Sample No: LH0264014

Oil Type: GEAR OIL SAE 80W90



SAMPLE INFORMATION

Sample Number	LH0264014	LH0176289	LH0231332	---
Sample Date	16 Aug 2023	23 Mar 2023	29 Sep 2022	---
Machine Hours	6834	5480	3484	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

ALTER SCRAP

1640 BRUCE STREET

MILWAUKEE, WI

US 53227

Contact: JEFF KOENIGS



OIL CONDITION

Visc @ 40°C	cSt	123	111	123	---
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T: 541-8700

F: (414)541-1892



CONTAMINATION

Silicon	ppm	1	2	14	---
Sodium	ppm	0	2	2	---
Potassium	ppm	<1	<1	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.



WEAR METALS

Iron	ppm	72	33	411	---
Copper	ppm	15	12	126	---
Lead	ppm	0	0	0	---
Tin	ppm	<1	<1	7	---
Aluminum	ppm	0	<1	3	---
Chromium	ppm	<1	0	2	---
Molybdenum	ppm	2	9	9	---
Nickel	ppm	<1	<1	4	---
Titanium	ppm	3	4	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	1	23	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	90	178	137	---
Magnesium	ppm	53	72	50	---
Zinc	ppm	72	134	98	---
Phosphorus	ppm	898	793	1216	---
Barium	ppm	0	0	0	---
Boron	ppm	15	28	51	---

Depot: ALTMILWI

Unique No: 10630998

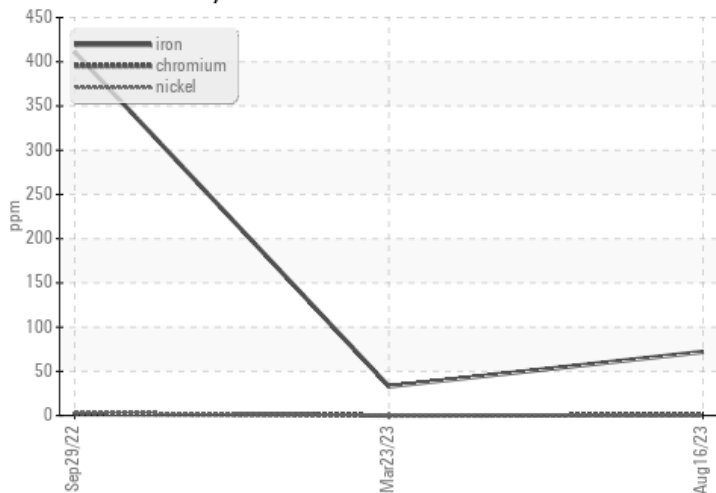
Signed: Sean Felton

Report Date: 05 Sep 2023

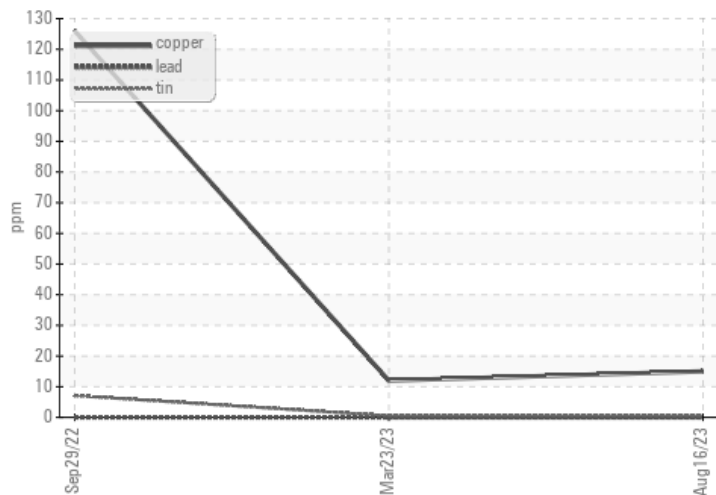


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

