

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A904 052442-1071 - Rear Right Wheel Hub

Sample No: LH0268143

Oil Type: LIEBHERR GEAR BASIC 90 LS



SCRAP INTERNATIONAL
 940 150TH ST
 HAMMOND, IN
 US 46327
 Contact: RICK BARLAGE

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 F:



SAMPLE INFORMATION

Sample Number	LH0268143	LHMC84126	LHMC84122	---
Sample Date	04 Mar 2024	13 Dec 2017	01 May 2017	---
Machine Hours	14220	4318	3069	---
Oil Hours	1000	0	0	---
Oil Changed	Changed	N/A	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	131	69.29	69.39	---
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CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	6	14	17	---
Sodium	ppm	<1	11	12	---
Potassium	ppm	1	8	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 component. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	96	10	14	---
Copper	ppm	13	12	15	---
Lead	ppm	1	0	<1	---
Tin	ppm	1	0	3	---
Aluminum	ppm	3	<1	<1	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	1	0	0	---
Nickel	ppm	1	<1	<1	---
Titanium	ppm	<1	<1	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	2	2	2	---
Vanadium	ppm	<1	0	0	---



ADDITIVES

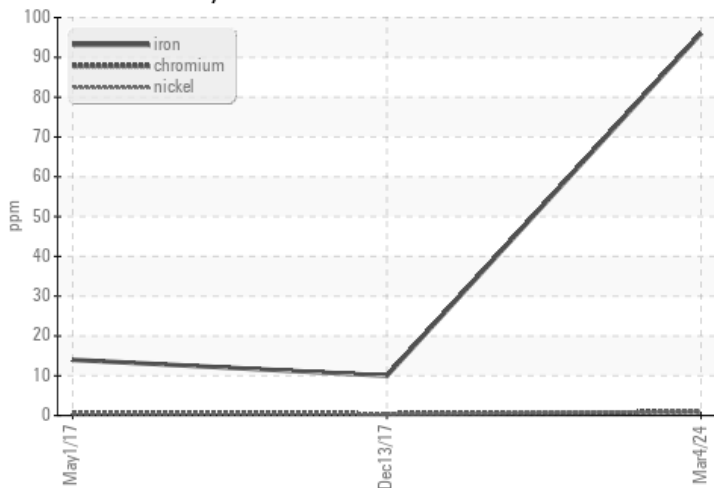
Calcium	ppm	276	3277	3493	---
Magnesium	ppm	7	7	10	---
Zinc	ppm	139	1331	1323	---
Phosphorus	ppm	981	1070	1234	---
Barium	ppm	1	<1	1	---
Boron	ppm	135	91	97	---

Depot: SCRHAM
 Unique No: 10943040
 Signed: Jonathan Hester
 Report Date: 28 Mar 2024

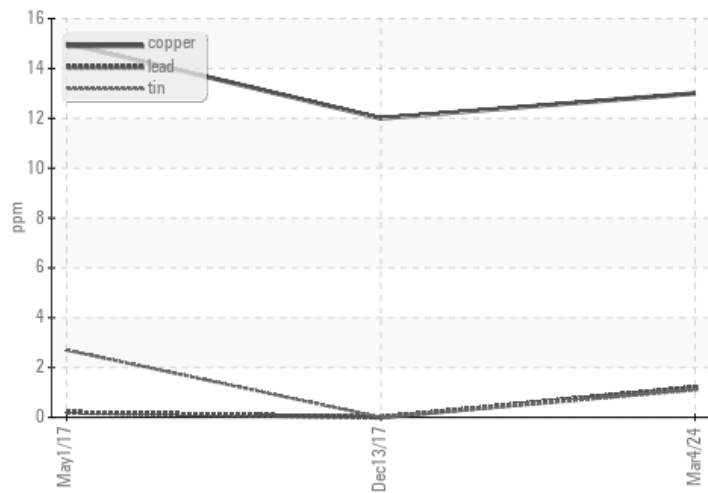


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

