

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30 114399-1253 - Rear Right Wheel Hub

Sample No: LH0268585

Oil Type: LIEBHERR GEAR BASIC 90 LS



SIMS METAL MANAGEMENT
 3220 DEEPWATER TERMINAL RD
 RICHMOND, VA
 US 23234
 Contact: Service Manager

T: (703)392-0111
 F:

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.



SAMPLE INFORMATION

Sample Number	LH0268585	LH0199827	---	---
Sample Date	02 Nov 2023	05 Aug 2021	---	---
Machine Hours	5170	2002	---	---
Oil Hours	1000	2002	---	---
Oil Changed	Not Chngd	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	151	54.1	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	3	7	---	---
Sodium	ppm	9	10	---	---
Potassium	ppm	1	0	---	---



WEAR METALS

Iron	ppm	25	8	---	---
Copper	ppm	9	11	---	---
Lead	ppm	<1	0	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	<1	<1	---	---
Chromium	ppm	<1	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	<1	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	3	2	---	---
Vanadium	ppm	0	<1	---	---



ADDITIVES

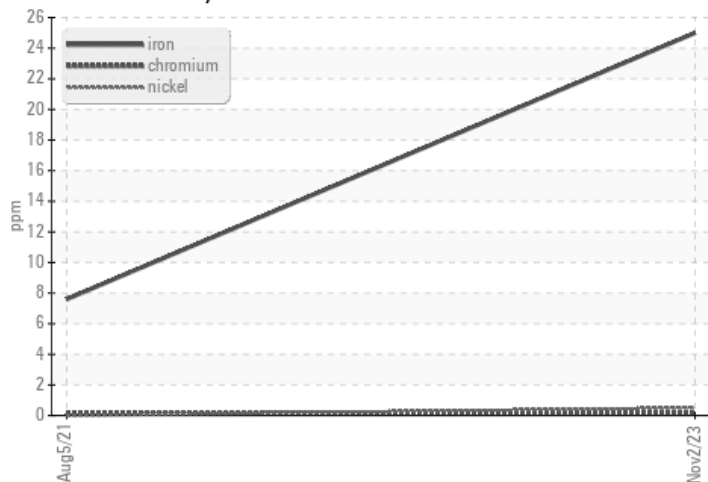
Calcium	ppm	535	3463	---	---
Magnesium	ppm	4	7	---	---
Zinc	ppm	238	1349	---	---
Phosphorus	ppm	1986	1058	---	---
Barium	ppm	<1	0	---	---
Boron	ppm	12	101	---	---

Depot: SIMRCLH
 Unique No: 10884162
 Signed: Sean Felton
 Report Date: 19 Feb 2024

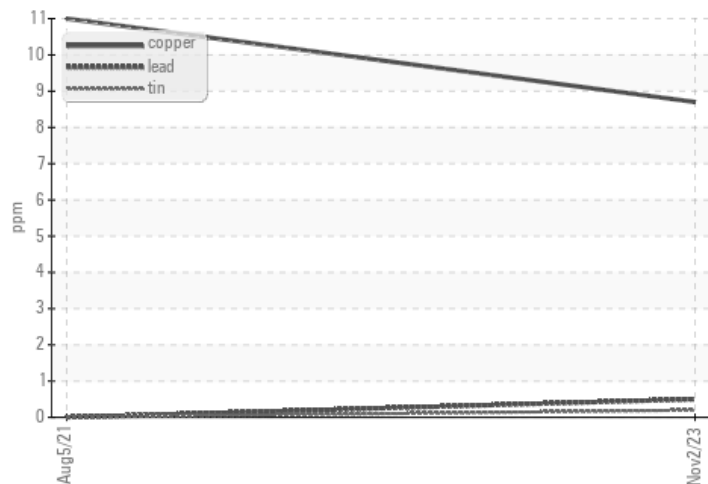


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

