

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 117414-1253 - Rear Left Wheel Hub

Sample No: LH0272897

Oil Type: GEAR OIL SAE 80W90



**SPARTAN RECYCLING**  
 3071 HOWARD ST  
 SPARTANBURG, SC  
 US 29303  
 Contact: SERVICE MANAGER

T:  
 F:



#### SAMPLE INFORMATION

Sample Number	LH0272897	LH0235755	LH0217608	---
Sample Date	10 Jan 2024	26 Sep 2023	14 Jul 2022	---
Machine Hours	8285	7700	0	---
Oil Hours	0	0	0	---
Oil Changed	Changed	Changed	N/A	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---



#### OIL CONDITION

Visc @ 40°C	cSt	121	97.2	95.0	---
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#### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	5	11	---
Sodium	ppm	0	4	4	---
Potassium	ppm	1	2	3	---



#### WEAR METALS

Iron	ppm	17	45	547	---
Copper	ppm	1	4	4	---
Lead	ppm	0	0	0	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	2	<1	1	---
Chromium	ppm	<1	<1	2	---
Molybdenum	ppm	1	4	<1	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	0	0	---
Manganese	ppm	0	<1	4	---
Vanadium	ppm	0	<1	<1	---



#### ADDITIVES

Calcium	ppm	67	217	25	---
Magnesium	ppm	6	18	5	---
Zinc	ppm	0	99	17	---
Phosphorus	ppm	364	426	260	---
Barium	ppm	3	0	0	---
Boron	ppm	1	14	3	---

#### Diagnosis

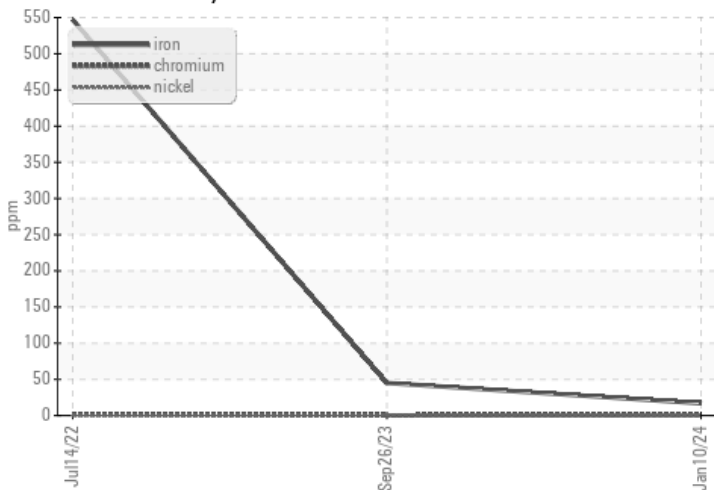
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: SPASPALH  
 Unique No: 10834554  
 Signed: Wes Davis  
 Report Date: 18 Jan 2024

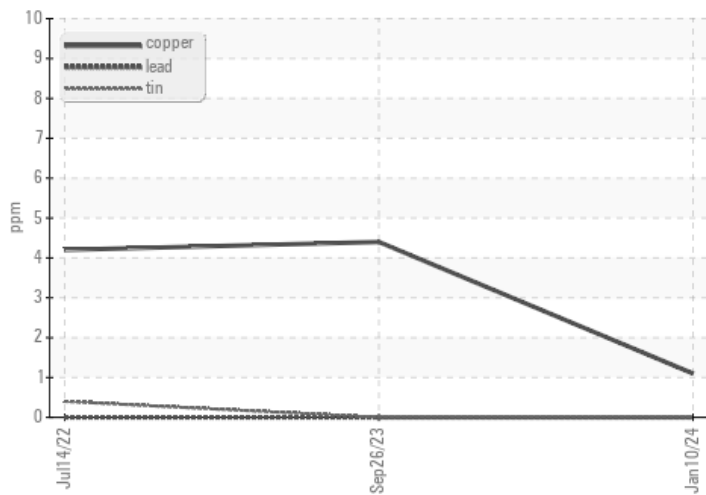


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

