

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 1253-123497 - Rear Right Wheel Hub

Sample No: LH0273448

Oil Type: SUPER S 80W90 LS



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

T:  
 F:



#### Sample Information

Sample Number	LH0273448	LH0272909	LH0212314	---
Sample Date	20 Jun 2024	11 Jan 2024	30 Dec 2021	---
Machine Hours	5603	4554	981	---
Oil Hours	500	0	0	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---



#### Oil Condition

Visc @ 40°C	cSt	125	119	113	---
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#### Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	<1	3	---
Sodium	ppm	<1	0	2	---
Potassium	ppm	1	<1	0	---



#### Wear Metals

Iron	ppm	15	8	10	---
Copper	ppm	<1	<1	2	---
Lead	ppm	<1	0	0	---
Tin	ppm	0	0	<1	---
Aluminum	ppm	3	2	0	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	<1	0	<1	---
Nickel	ppm	0	0	0	---
Titanium	ppm	<1	0	0	---
Silver	ppm	0	0	<1	---
Manganese	ppm	<1	0	<1	---
Vanadium	ppm	0	0	0	---



#### Additives

Calcium	ppm	33	53	274	---
Magnesium	ppm	14	<1	1	---
Zinc	ppm	25	0	149	---
Phosphorus	ppm	325	347	464	---
Barium	ppm	0	3	0	---
Boron	ppm	7	3	78	---

#### Diagnosis

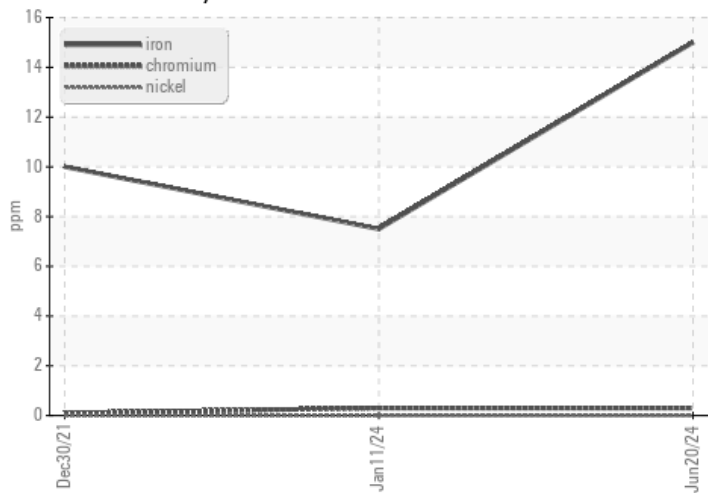
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: SPASPALH  
 Unique No: 11100844  
 Signed: Wes Davis  
 Report Date: 28 Jun 2024

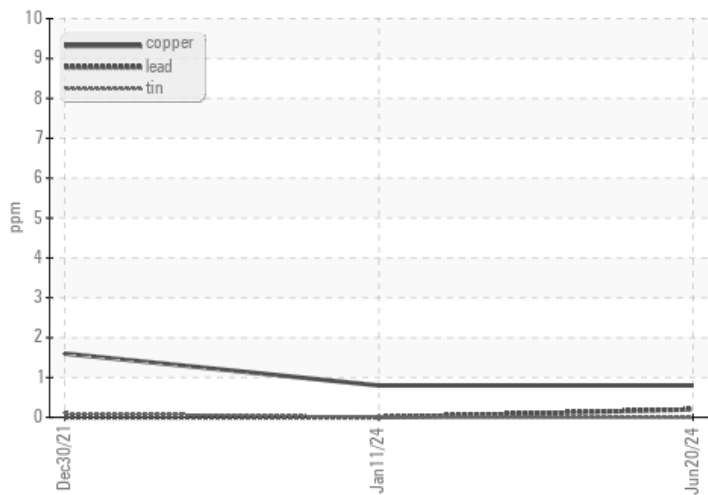


### Graphs

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C

