

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 1253-123497 - Front Left Wheel Hub

Sample No: LH0273452

Oil Type: SUPER S 80W90 LS



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

T:
 F:



Sample Information

Sample Number	LH0273452	LH0272903	LH0212311	---
Sample Date	20 Jun 2024	11 Jan 2024	30 Dec 2021	---
Machine Hours	5603	4554	981	---
Oil Hours	500	0	0	---
Oil Changed	Not Chngd	Changed	Changed	---
Sample Status	NORMAL	NORMAL	NORMAL	---



Oil Condition

Visc @ 40°C	cSt	132	122	107	---
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Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	2	2	6	---
Sodium	ppm	2	<1	6	---
Potassium	ppm	1	<1	0	---



Wear Metals

Iron	ppm	28	34	58	---
Copper	ppm	4	5	16	---
Lead	ppm	0	0	<1	---
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	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	<1	0	1	---
Vanadium	ppm	0	0	0	---



Additives

Calcium	ppm	45	98	495	---
Magnesium	ppm	2	1	2	---
Zinc	ppm	15	3	293	---
Phosphorus	ppm	265	320	542	---
Barium	ppm	<1	3	0	---
Boron	ppm	3	1	69	---

Diagnosis

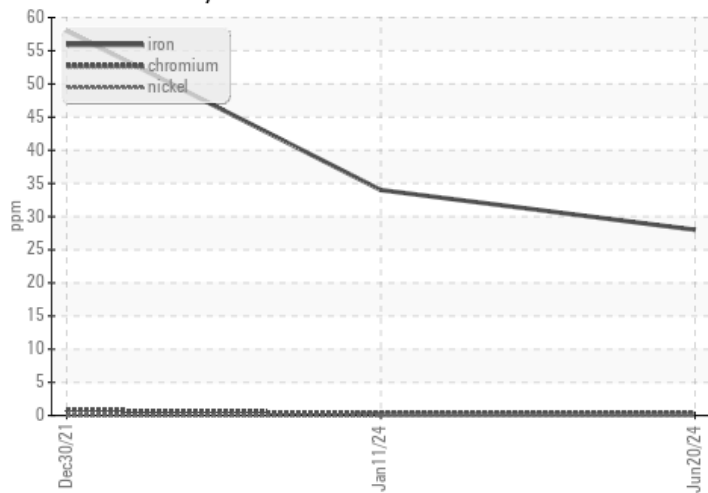
Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: SPASPALH
 Unique No: 11100841
 Signed: Wes Davis
 Report Date: 28 Jun 2024

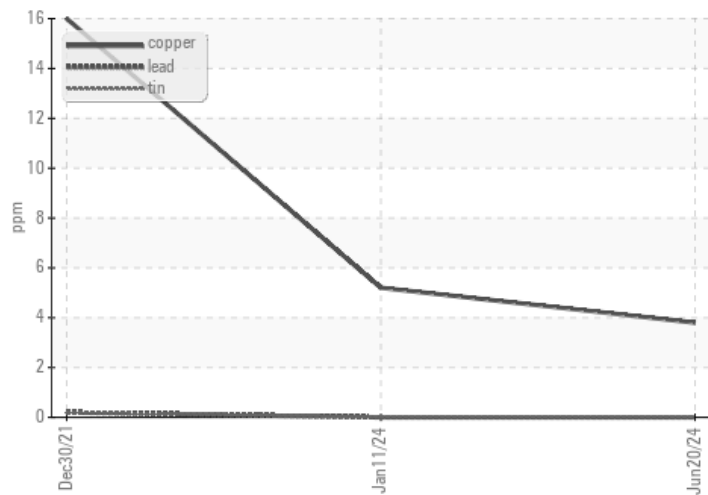


Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

