

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 1253-123497 - Front Right Wheel Hub

Sample No: LH0272905

Oil Type: GEAR OIL SAE 80W90



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

T:
 F:



SAMPLE INFORMATION

Sample Number	LH0272905	LH0212312	---	---
Sample Date	11 Jan 2024	30 Dec 2021	---	---
Machine Hours	4554	981	---	---
Oil Hours	0	0	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	120	103	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	3	5	---	---
Sodium	ppm	<1	6	---	---
Potassium	ppm	1	0	---	---



WEAR METALS

Iron	ppm	56	72	---	---
Copper	ppm	6	11	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	0	<1	---	---
Aluminum	ppm	2	0	---	---
Chromium	ppm	<1	1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	0	0	---	---
Titanium	ppm	0	<1	---	---
Silver	ppm	0	<1	---	---
Manganese	ppm	0	1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	133	625	---	---
Magnesium	ppm	<1	3	---	---
Zinc	ppm	19	354	---	---
Phosphorus	ppm	343	574	---	---
Barium	ppm	4	0	---	---
Boron	ppm	4	73	---	---

Diagnosis

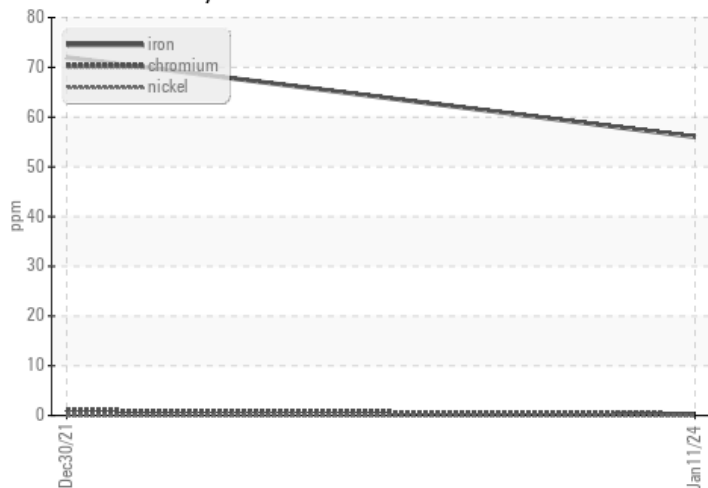
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

Depot: SPASPALH
 Unique No: 10834555
 Signed: Wes Davis
 Report Date: 18 Jan 2024

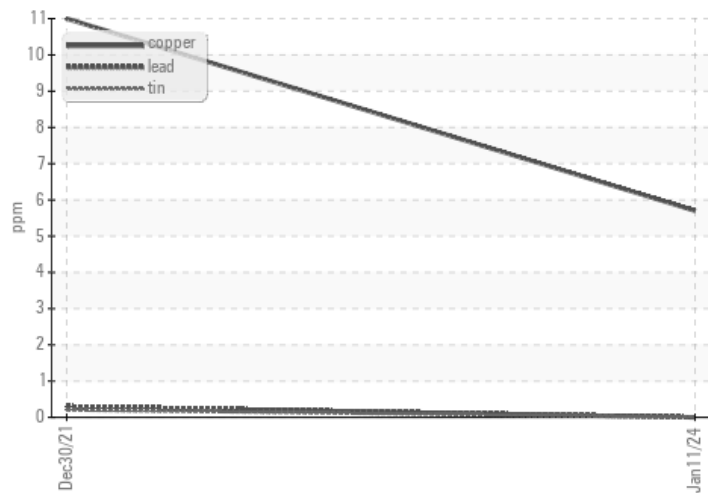


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

