

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 1253-123497 - Front Right Wheel Hub

Sample No: LH0273455

Oil Type: SUPER S 80W90 LS



Sample Information

Sample Number	LH0273455	LH0272905	LH0212312	---
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	---

SPARTAN RECYCLING

3071 HOWARD ST
SPARTANBURG, SC
US 29303

Contact: SERVICE MANAGER



Oil Condition

Visc @ 40°C	cSt	125	120	103	---
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T:

F:



Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	3	3	5	---
Sodium	ppm	2	<1	6	---
Potassium	ppm	<1	1	0	---

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.



Wear Metals

Iron	ppm	43	56	72	---
Copper	ppm	5	6	11	---
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	<1	0	0	---
Titanium	ppm	<1	0	<1	---
Silver	ppm	<1	0	<1	---
Manganese	ppm	<1	0	1	---
Vanadium	ppm	0	0	0	---



Additives

Calcium	ppm	72	133	625	---
Magnesium	ppm	2	<1	3	---
Zinc	ppm	25	19	354	---
Phosphorus	ppm	270	343	574	---
Barium	ppm	<1	4	0	---
Boron	ppm	2	4	73	---

Depot: SPASPALH

Unique No: 11100843

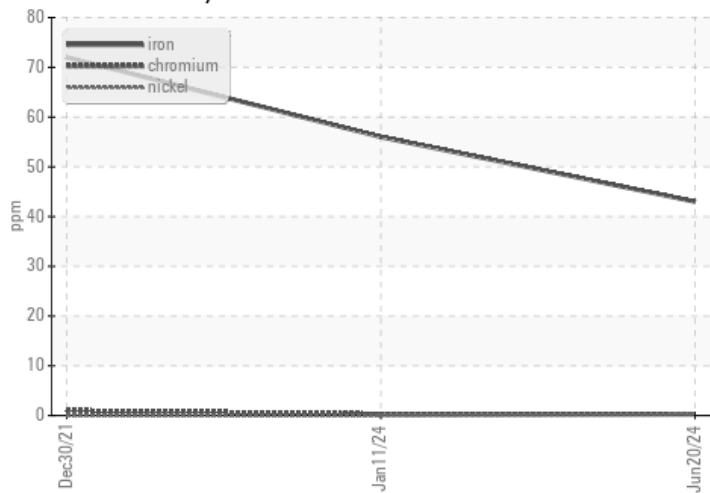
Signed: Wes Davis

Report Date: 28 Jun 2024

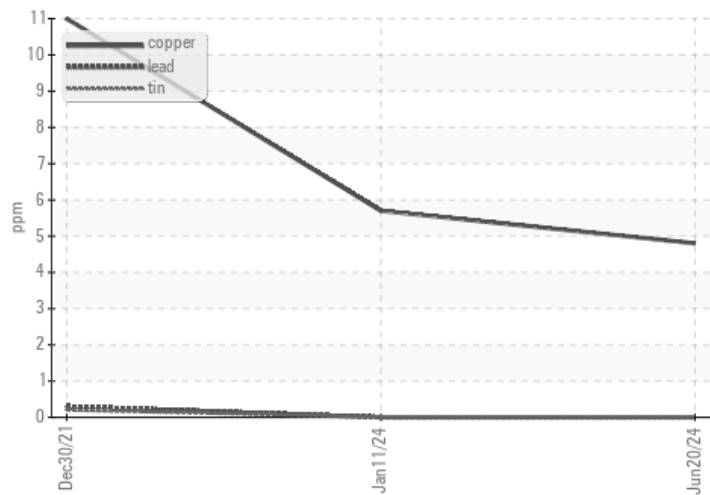


Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

