

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30 1200-72683 - Rear Right Wheel Hub

Sample No: LH06063167

Oil Type: GEAR OIL SAE 80W90



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



SAMPLE INFORMATION

Sample Number	LH06063167	LH0235764	LHMC144962	LH0157897
Sample Date	12 Jan 2024	27 Sep 2023	12 Feb 2021	27 May 2020
Machine Hours	14822	14249	11626	11158
Oil Hours	0	0	0	500
Oil Changed	Changed	Changed	N/A	Changed
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	132	96.2	97.2	98.8
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T:
F:



CONTAMINATION

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

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.



WEAR METALS

Iron	ppm	10	31	26	18
Copper	ppm	<1	2	1	3
Lead	ppm	0	0	1	0
Tin	ppm	0	0	0	<1
Aluminum	ppm	2	<1	<1	<1
Chromium	ppm	<1	0	<1	<1
Molybdenum	ppm	0	<1	1	1
Nickel	ppm	0	<1	1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	<1
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	<1	0	0



ADDITIVES

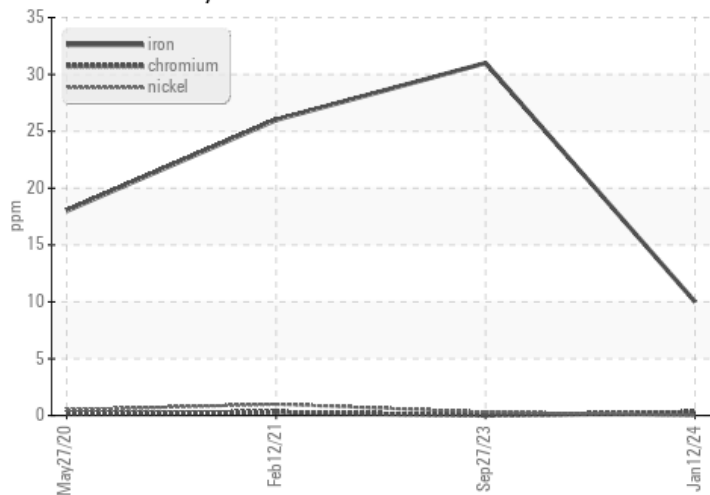
Calcium	ppm	18	29	33	23
Magnesium	ppm	2	8	7	7
Zinc	ppm	0	3	14	0
Phosphorus	ppm	354	364	473	324
Barium	ppm	2	0	0	0
Boron	ppm	3	<1	8	6

Depot: SPASPALH
Unique No: 10834549
Signed: Wes Davis
Report Date: 18 Jan 2024

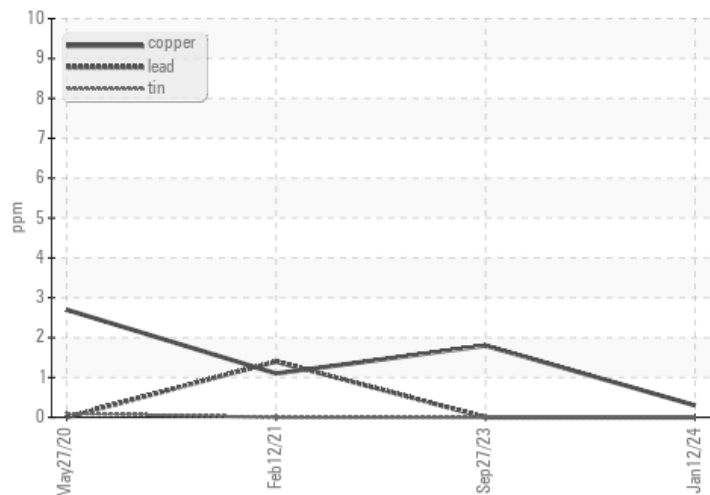


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

