

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 117414-1253 - Splitter Box

Sample No: LH0272894

Oil Type: GEAR OIL SAE 75W90



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



SAMPLE INFORMATION

Sample Number	LH0272894	LH0235759	LH0217602	LH0203979
Sample Date	10 Jan 2024	26 Sep 2023	14 Jul 2022	23 Nov 2021
Machine Hours	8285	7700	0	3693
Oil Hours	0	0	0	0
Oil Changed	Changed	N/A	N/A	N/A
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	114	91.2	95.6	106

T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	3	8	7	4
Sodium	ppm	0	5	4	5
Potassium	ppm	2	5	3	<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	20	60	27	19
Copper	ppm	<1	<1	<1	<1
Lead	ppm	0	0	<1	0
Tin	ppm	0	0	<1	0
Aluminum	ppm	2	2	<1	2
Chromium	ppm	<1	<1	<1	0
Molybdenum	ppm	1	4	5	4
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	<1	0	0



ADDITIVES

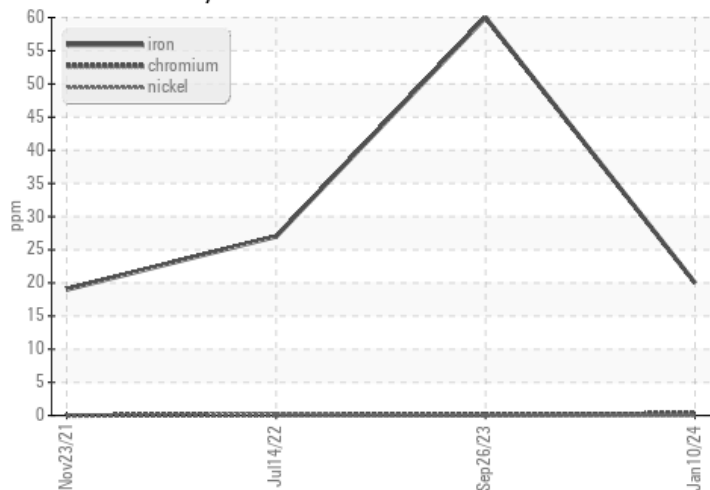
Calcium	ppm	42	149	141	182
Magnesium	ppm	6	19	17	19
Zinc	ppm	0	76	66	82
Phosphorus	ppm	385	474	467	517
Barium	ppm	3	0	0	0
Boron	ppm	2	10	14	15

Depot: SPASPALH
 Unique No: 10834553
 Signed: Wes Davis
 Report Date: 18 Jan 2024

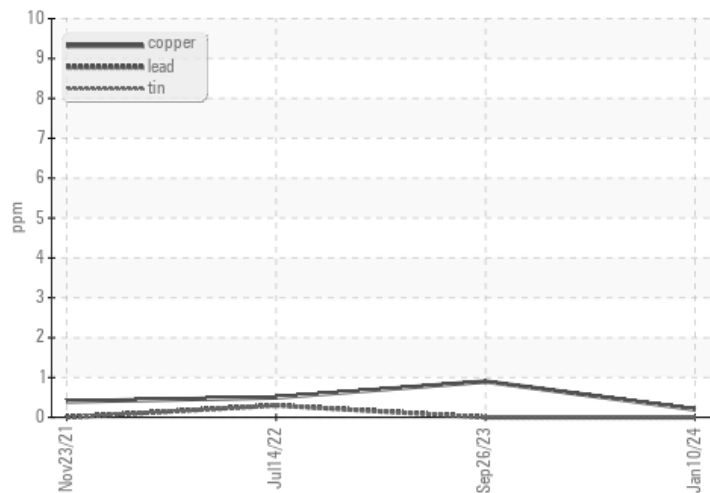


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

