

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30 114399-1253 - Splitter Box

Sample No: LH0258236

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0258236	LH0191006	---	---
Sample Date	02 Nov 2023	05 Aug 2021	---	---
Machine Hours	5170	2002	---	---
Oil Hours	1000	1546	---	---
Oil Changed	Changed	Changed	---	---
Sample Status	NORMAL	NORMAL	---	---

SIMS METAL MANAGEMENT
 3220 DEEPWATER TERMINAL RD
 RICHMOND, VA
 US 23234
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	188	244	---	---
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T: (703)392-0111
 F:



CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	4	1	---	---
Sodium	ppm	1	3	---	---
Potassium	ppm	0	2	---	---

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	24	12	---	---
Copper	ppm	3	2	---	---
Lead	ppm	0	<1	---	---
Tin	ppm	<1	0	---	---
Aluminum	ppm	1	1	---	---
Chromium	ppm	0	<1	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	1	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

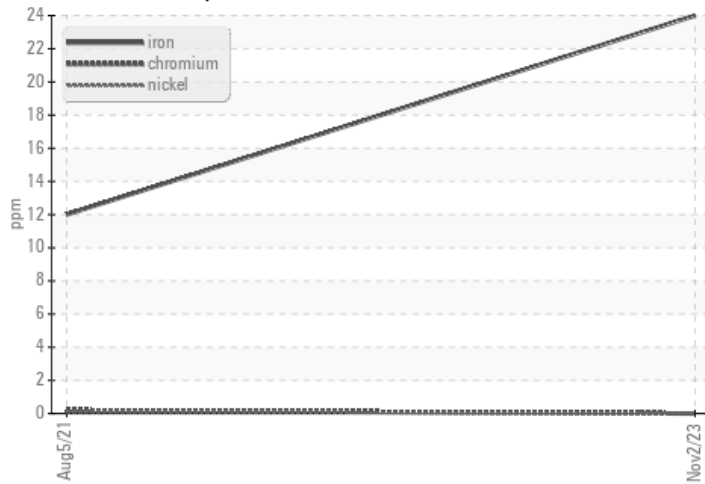
Calcium	ppm	23	115	---	---
Magnesium	ppm	0	2	---	---
Zinc	ppm	17	72	---	---
Phosphorus	ppm	2247	1048	---	---
Barium	ppm	0	0	---	---
Boron	ppm	6	22	---	---

Depot: SIMRCLH
 Unique No: 10888033
 Signed: Sean Felton
 Report Date: 22 Feb 2024

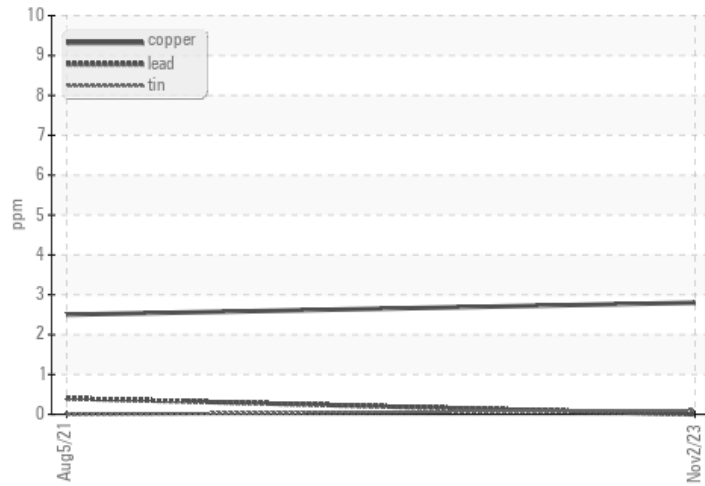


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

