

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L580 72144 - Splitter Box

Sample No: LH0267357

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0267357	---	---	---
Sample Date	14 Aug 2023	---	---	---
Machine Hours	867	---	---	---
Oil Hours	867	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ABNORMAL	---	---	---

SIMS METAL MANAGEMENT

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



OIL CONDITION

Visc @ 40°C	cSt	● 189	---	---	---
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T: (703)392-0111
 F:



CONTAMINATION

Silicon	ppm	● 1	---	---	---
Sodium	ppm	● 7	---	---	---
Potassium	ppm	● 2	---	---	---

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. Gear wear is indicated. 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	● 127	---	---	---
Copper	ppm	● 8	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 3	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 2	---	---	---
Nickel	ppm	● 7	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● 4	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

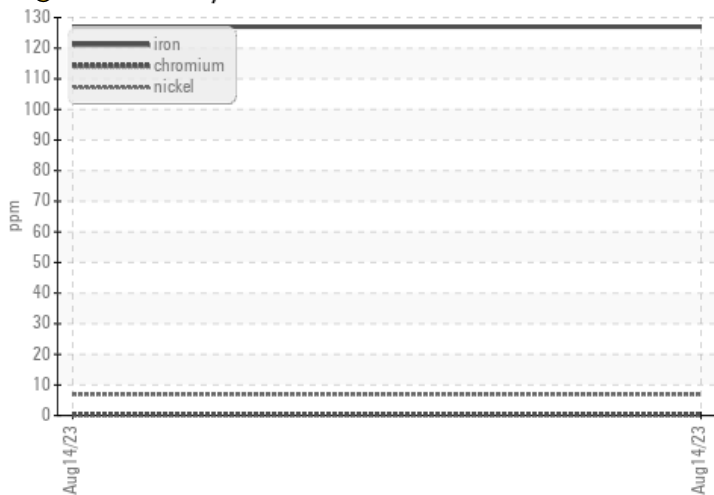
Calcium	ppm	27	---	---	---
Magnesium	ppm	● 14	---	---	---
Zinc	ppm	● 147	---	---	---
Phosphorus	ppm	● 2288	---	---	---
Barium	ppm	● 10	---	---	---
Boron	ppm	● 1	---	---	---

Depot: SIMRCLH
 Unique No: 10615829
 Signed: Sean Felton
 Report Date: 23 Aug 2023

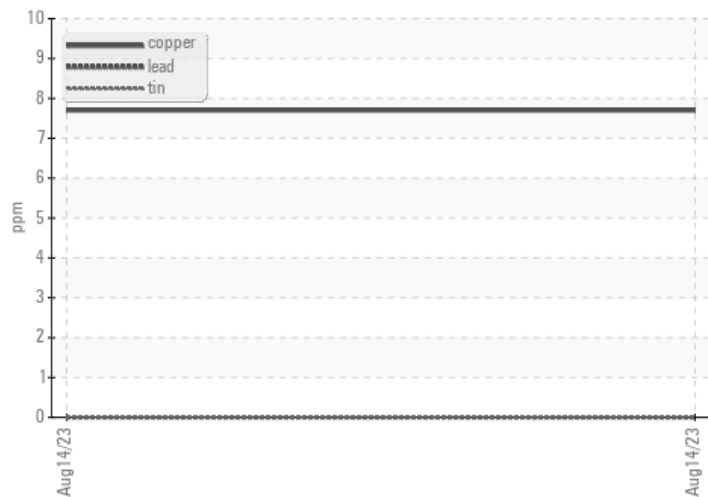


GRAPHS

● Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

