

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH22M 081593-1197 - Rear Differential

Sample No: LH0243837

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0243837	---	---	---
Sample Date	03 Jun 2023	---	---	---
Machine Hours	14541	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

BAY DISPOSAL

2224 SPRINGFIELD AVE
NORFOLK, VA
US 23523
Contact: SERVICE MANAGER



OIL CONDITION

Visc @ 40°C	cSt	101	---	---	---
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T:
F:



CONTAMINATION

Silicon	ppm	7	---	---	---
Sodium	ppm	5	---	---	---
Potassium	ppm	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	8	---	---	---
Copper	ppm	7	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	0	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

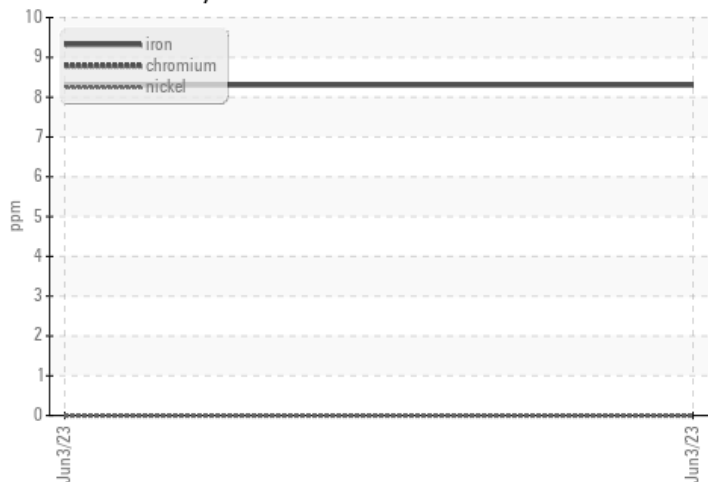
Calcium	ppm	3720	---	---	---
Magnesium	ppm	9	---	---	---
Zinc	ppm	1477	---	---	---
Phosphorus	ppm	1198	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	148	---	---	---

Depot: BAYNOR
Unique No: 10548846
Signed: Don Baldrige
Report Date: 11 Jul 2023

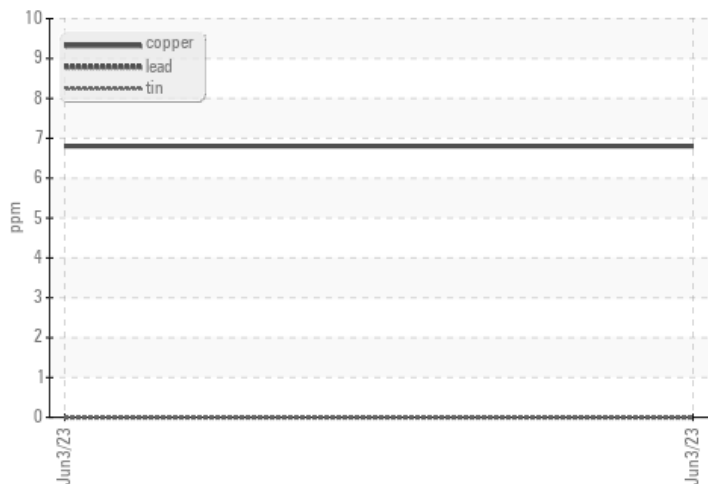


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

