

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH22M 081593-1197 - Rear Left Wheel Hub

Sample No: LH0243839

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0243839	---	---	---
Sample Date	03 Jun 2023	---	---	---
Machine Hours	14541	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

BAY DISPOSAL

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



OIL CONDITION

Visc @ 40°C	cSt	● 100	---	---	---
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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	● 9	---	---	---
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

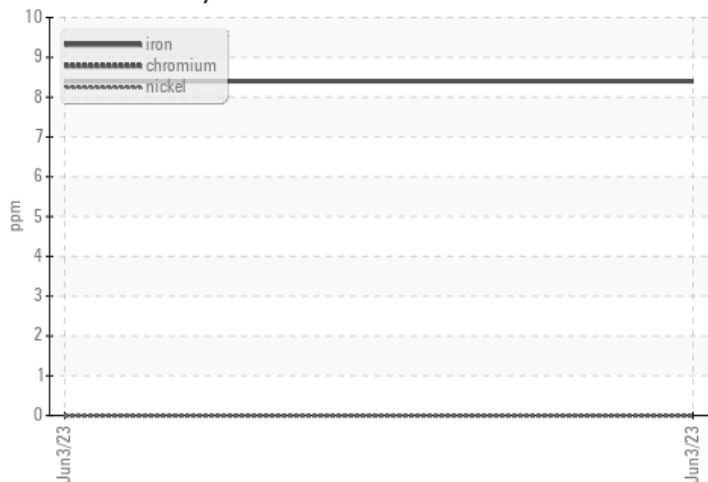
Calcium	ppm	● 3737	---	---	---
Magnesium	ppm	● 9	---	---	---
Zinc	ppm	● 1480	---	---	---
Phosphorus	ppm	● 1189	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 147	---	---	---

Depot: BAYNOR
Unique No: 10548838
Signed: Don Baldrige
Report Date: 11 Jul 2023



GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

