

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH22M 081593-1197 - Front Right Wheel Hub

Sample No: LH0243833

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0243833	---	---	---
Sample Date	03 Jun 2023	---	---	---
Machine Hours	14541	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	ATTENTION	---	---	---

BAY DISPOSAL

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



OIL CONDITION

Visc @ 40°C	cSt	89.8	---	---	---
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T:
F:



CONTAMINATION

Silicon	ppm	6	---	---	---
Sodium	ppm	9	---	---	---
Potassium	ppm	0	---	---	---

Diagnosis

The oil change at the time of sampling has been noted. 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 oil viscosity is lower than normal.



WEAR METALS

Iron	ppm	25	---	---	---
Copper	ppm	26	---	---	---
Lead	ppm	0	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

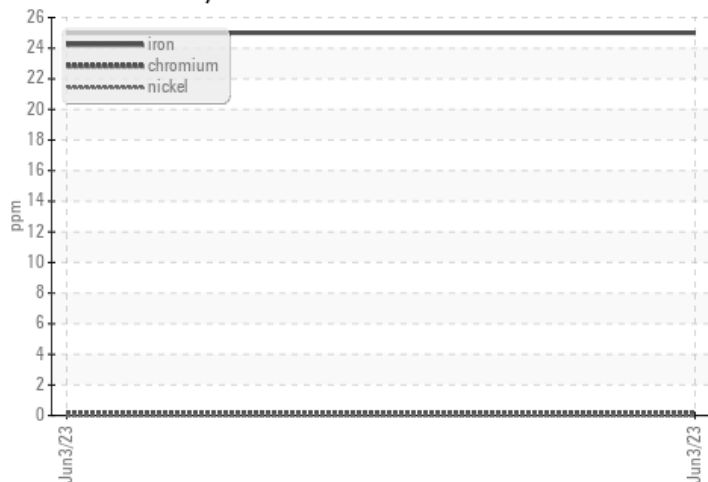
Calcium	ppm	3622	---	---	---
Magnesium	ppm	9	---	---	---
Zinc	ppm	1425	---	---	---
Phosphorus	ppm	1165	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	131	---	---	---

Depot: BAYNOR
 Unique No: 10548835
 Signed: Don Baldrige
 Report Date: 11 Jul 2023

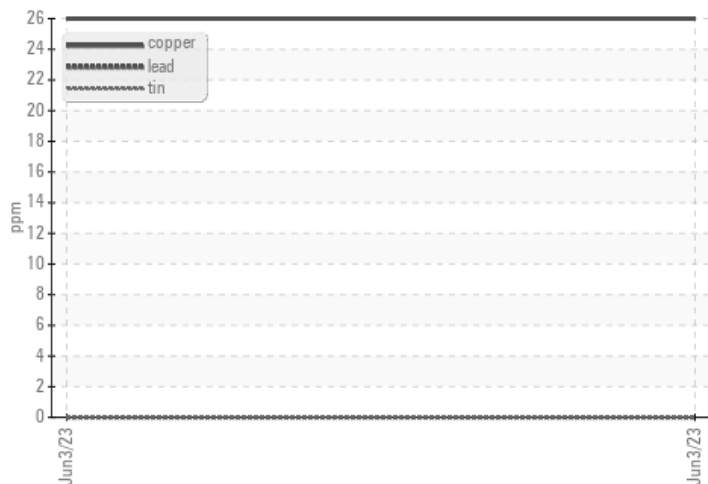


GRAPHS

Ferrous Alloys



Non-ferrous Metals



● Viscosity @ 40°C

