

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH22M 081593-1197 - Front Differential

Sample No: LH0243841

Oil Type: LIEBHERR GEAR BASIC 90 LS



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



SAMPLE INFORMATION

Sample Number	LH0243841	---	---	---
Sample Date	03 Jun 2023	---	---	---
Machine Hours	14541	---	---	---
Oil Hours	2000	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	111	---	---	---
-------------	-----	-----	-----	-----	-----

T:
F:



CONTAMINATION

Silicon	ppm	12	---	---	---
Sodium	ppm	3	---	---	---
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	14	---	---	---
Copper	ppm	<1	---	---	---
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

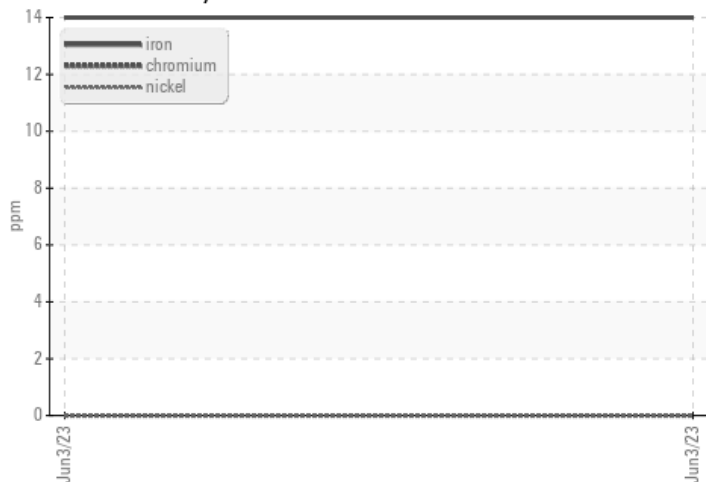
Calcium	ppm	3819	---	---	---
Magnesium	ppm	11	---	---	---
Zinc	ppm	1510	---	---	---
Phosphorus	ppm	1202	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	153	---	---	---

Depot: BAYNOR
Unique No: 10548839
Signed: Don Baldrige
Report Date: 11 Jul 2023

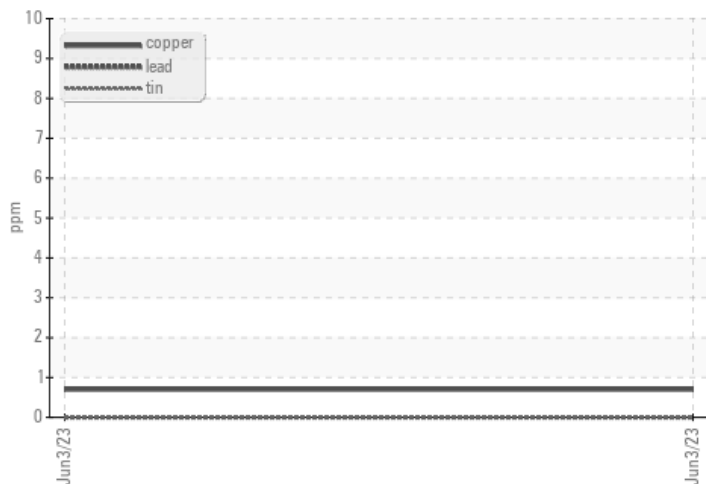


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

