

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 119208-1217 - Pump Drive

Sample No: LH0257449

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0257449	---	---	---
Sample Date	05 Jul 2023	---	---	---
Machine Hours	3275	---	---	---
Oil Hours	700	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---

TT & E IRON

1529 WEST GARNER RD
 GARNER, NC
 US 27529
 Contact: MICHAEL STANCIL
 culaterprowler@aol.com
 T: (919)524-4326
 F:



OIL CONDITION

Visc @ 40°C	cSt	● 154	---	---	---
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CONTAMINATION

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

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	● 22	---	---	---
Copper	ppm	● 2	---	---	---
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

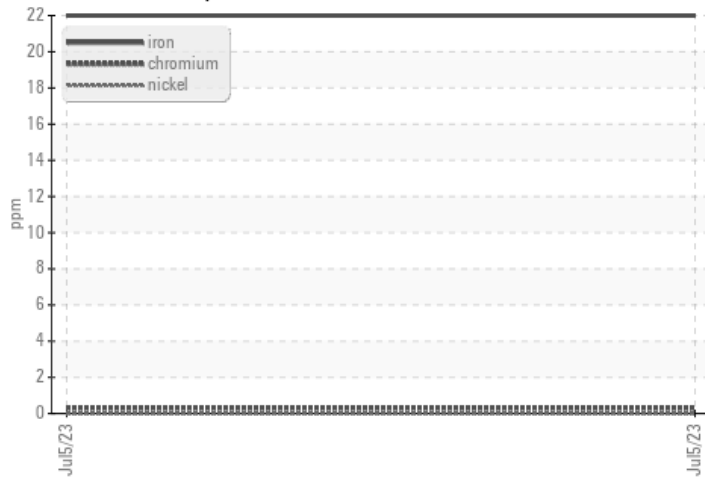
Calcium	ppm	● 73	---	---	---
Magnesium	ppm	● 0	---	---	---
Zinc	ppm	● 63	---	---	---
Phosphorus	ppm	● 1826	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	● 36	---	---	---

Depot: TTENEW
 Unique No: 10551143
 Signed: Sean Felton
 Report Date: 12 Jul 2023

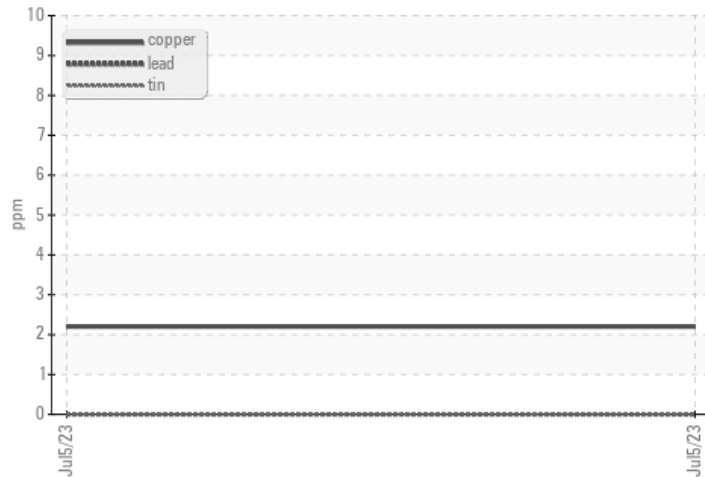


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

