

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH60M 119208-1217 - Splitter Box

Sample No: LH0267391

Oil Type: LIEBHERR GEAR BASIC 90 LS



SAMPLE INFORMATION

Sample Number	LH0267391	LH0200271	---	---
Sample Date	04 Jan 2024	30 Nov 2022	---	---
Machine Hours	4478	1763	---	---
Oil Hours	1203	0	---	---
Oil Changed	Changed	Not Changd	---	---
Sample Status	NORMAL	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	● 142	● 152	---	---
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CONTAMINATION

Water	%	NEG	NEG	---	---
Silicon	ppm	● 2	● 2	---	---
Sodium	ppm	● 0	● 4	---	---
Potassium	ppm	● 2	● 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	● 33	● 30	---	---
Copper	ppm	● 4	● 4	---	---
Lead	ppm	● <1	● <1	---	---
Tin	ppm	● <1	● 0	---	---
Aluminum	ppm	● 2	● <1	---	---
Chromium	ppm	● <1	● <1	---	---
Molybdenum	ppm	● <1	● 0	---	---
Nickel	ppm	● <1	● 0	---	---
Titanium	ppm	<1	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	● <1	● <1	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	● 104	● 57	---	---
Magnesium	ppm	● 3	● <1	---	---
Zinc	ppm	● 119	● 44	---	---
Phosphorus	ppm	● 1847	● 1248	---	---
Barium	ppm	● 8	● 1	---	---
Boron	ppm	● 23	118	---	---

Depot: TTENEW

Unique No: 10820330

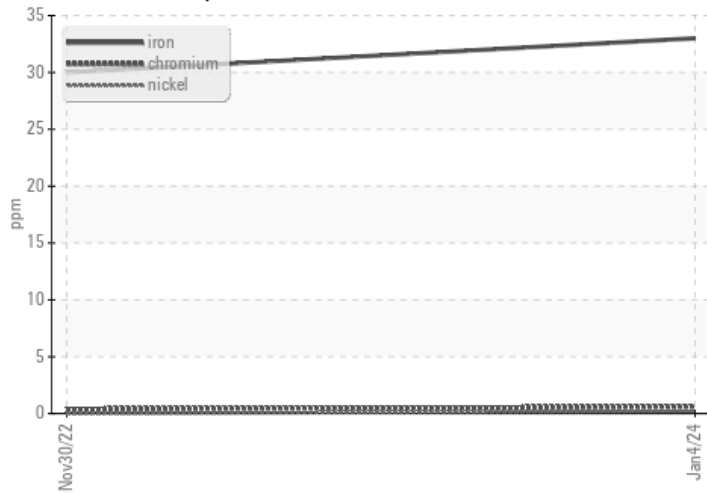
Signed: Wes Davis

Report Date: 09 Jan 2024

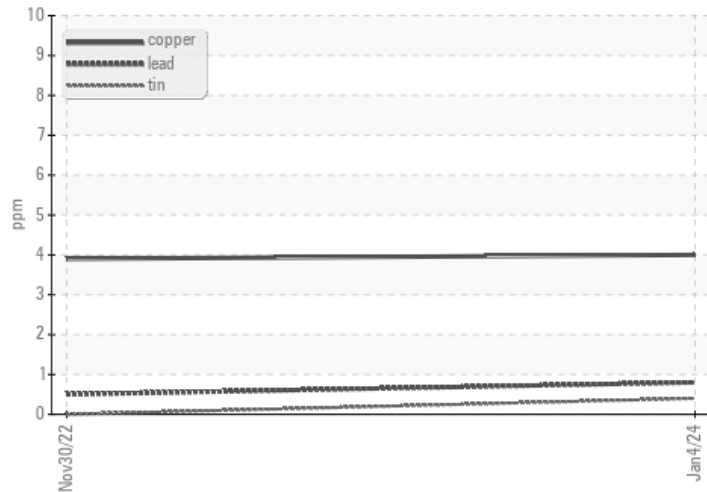


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

