

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH40M 078768-1202 - Splitter Box

Sample No: LH0243232

Oil Type: GEAR OIL SAE 75W90



SAMPLE INFORMATION

Sample Number	LH0243232	---	---	---
Sample Date	08 Mar 2024	---	---	---
Machine Hours	0	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---

Wilmington Iron & Metal Company Inc
 2149 US Route
 Wilmington, OH
 CA 45177
 Contact: Maintenance Manager



OIL CONDITION

Visc @ 40°C	cSt	● 103	---	---	---
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T:
F:



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	● 2	---	---	---
Sodium	ppm	● <1	---	---	---
Potassium	ppm	● 6	---	---	---

Diagnosis

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) GEAR OIL SAE 75W90. Please confirm.

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	● 13	---	---	---
Copper	ppm	● 1	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 0	---	---	---
Chromium	ppm	● 0	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

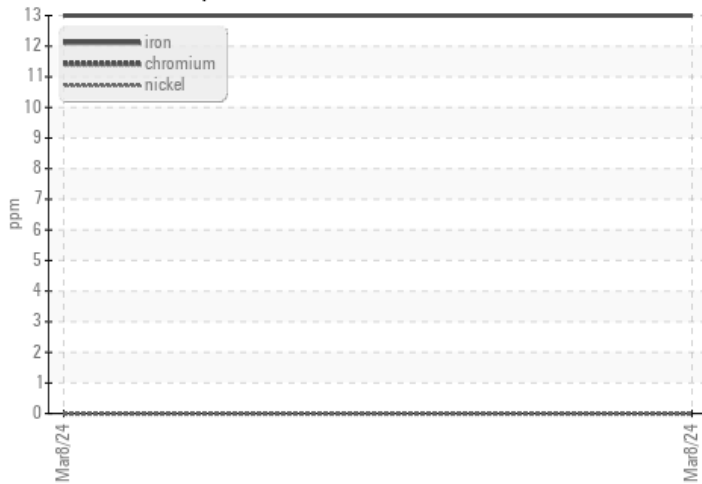
Calcium	ppm	10	---	---	---
Magnesium	ppm	● 0	---	---	---
Zinc	ppm	● 0	---	---	---
Phosphorus	ppm	746	---	---	---
Barium	ppm	● 0	---	---	---
Boron	ppm	0	---	---	---

Depot: WIL214WIL
 Unique No: 10927532
 Signed: Wes Davis
 Report Date: 15 Mar 2024

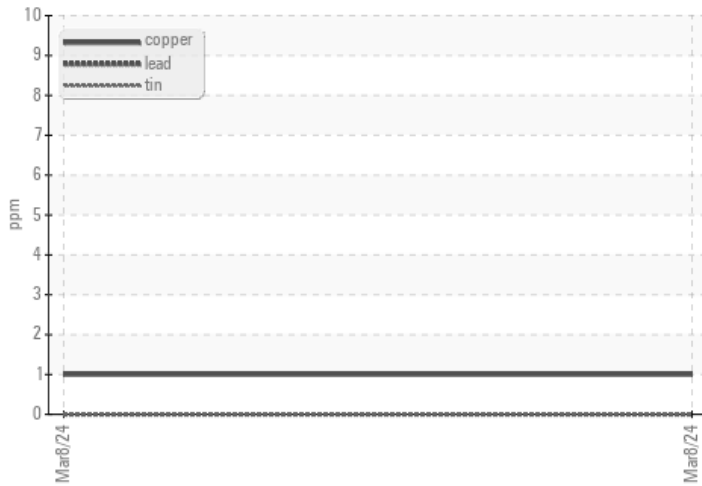


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

