

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH40M MH-12 (S/N 142301) - 1 Transmission

Sample No: LH0258587

Oil Type: LIEBHERR MOTOROIL 10W-40



JR VINAGRO
2208 PLAINFIELD PIKE
JOHNSTON, RI
US 02919
Contact: Service Manager



SAMPLE INFORMATION

Sample Number	LH0258587	---	---	---
Sample Date	30 Oct 2023	---	---	---
Machine Hours	1195	---	---	---
Oil Hours	1195	---	---	---
Oil Changed	Changed	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	53.2	---	---	---
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T:
F:



CONTAMINATION

Water	%	NEG	---	---	---
Silicon	ppm	3	---	---	---
Sodium	ppm	33	---	---	---
Potassium	ppm	3	---	---	---

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	10	---	---	---
Copper	ppm	22	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	11	---	---	---
Vanadium	ppm	<1	---	---	---



ADDITIVES

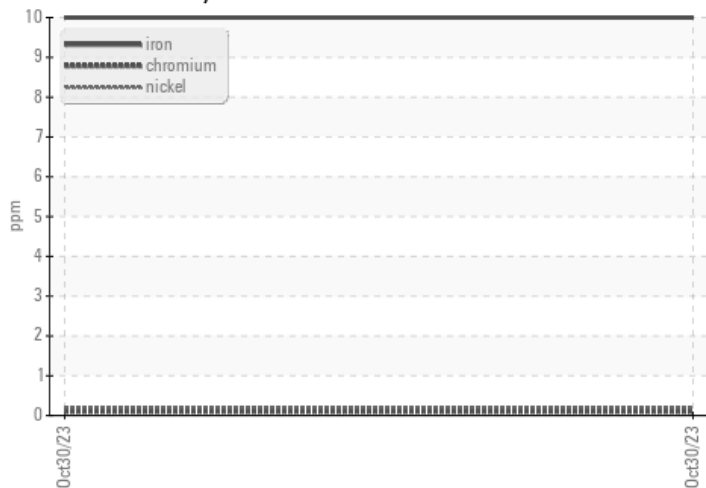
Calcium	ppm	2547	---	---	---
Magnesium	ppm	267	---	---	---
Zinc	ppm	1071	---	---	---
Phosphorus	ppm	997	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	75	---	---	---

Depot: JRVJOH
Unique No: 10737637
Signed: Sean Felton
Report Date: 14 Nov 2023

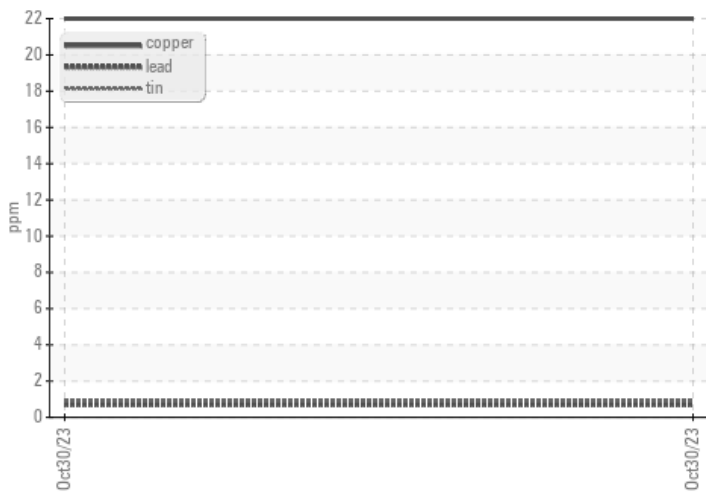


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

