

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 1253-118648 - Transmission (Manual)

Sample No: LH0272217

Oil Type: LIEBHERR MOTOROIL 10W-40



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

T:
F:



Sample Information

Sample Number	LH0272217	LH0244512	LH0207388	---
Sample Date	17 Jun 2024	07 Mar 2023	09 Nov 2021	---
Machine Hours	2346	1690	952	---
Oil Hours	656	738	952	---
Oil Changed	Changed	Changed	Changed	---
Sample Status	NORMAL	ABNORMAL	NORMAL	---



Oil Condition

Visc @ 40°C	cSt	70.0	76.5	47.9	---
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Contamination

Water	%	NEG	NEG	NEG	---
Silicon	ppm	4	3	5	---
Sodium	ppm	26	38	49	---
Potassium	ppm	3	2	3	---



Wear Metals

Iron	ppm	13	16	18	---
Copper	ppm	90	121	29	---
Lead	ppm	1	<1	1	---
Tin	ppm	1	1	<1	---
Aluminum	ppm	3	3	4	---
Chromium	ppm	<1	<1	<1	---
Molybdenum	ppm	<1	<1	<1	---
Nickel	ppm	0	0	<1	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	<1	---
Manganese	ppm	12	15	8	---
Vanadium	ppm	<1	0	<1	---



Additives

Calcium	ppm	1865	1850	3156	---
Magnesium	ppm	345	9	13	---
Zinc	ppm	748	691	1146	---
Phosphorus	ppm	1289	1660	1019	---
Barium	ppm	<1	0	0	---
Boron	ppm	93	<1	2	---

Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. The condition of the fluid is acceptable for the time in service.

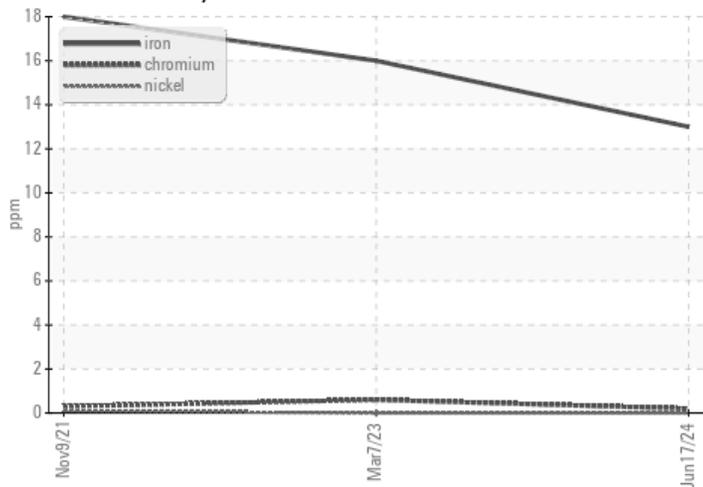
Depot: JRVJOH
Unique No: 11098667
Signed: Angela Borella
Report Date: 27 Jun 2024

Submitted By: MIKE MACKINNON

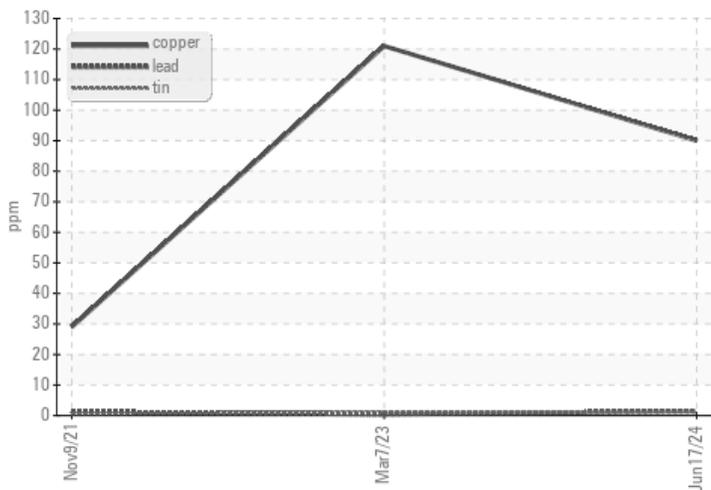


Graphs

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C

