

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 1253-144576 - Hydraulic System

Sample No: LH0276414

Oil Type: {unknown}



TRAM CONSTRUCTION

9279 E KY 8

GARRISON, KY

US 41141

Contact: Service Manager

T:

F:

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



SAMPLE INFORMATION

Sample Number	LH0276414	---	---	---
Sample Date	21 Mar 2024	---	---	---
Machine Hours	1155	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 44.0	---	---	---
Acid Number (AN)	mg KOH/g	● 1.15	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		● 8138	---	---	---
Particles >6µm		● 1856	---	---	---
Particles >14µm		● 95	---	---	---
ISO 4406:1999 (c)		20/18/14	---	---	---
Silicon	ppm	● 3	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 0	---	---	---



WEAR METALS

Iron	ppm	● 8	---	---	---
Copper	ppm	● 3	---	---	---
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	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1388	---	---	---
Magnesium	ppm	0	---	---	---
Zinc	ppm	661	---	---	---
Phosphorus	ppm	587	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Depot: TRAGARLH

Unique No: 10950043

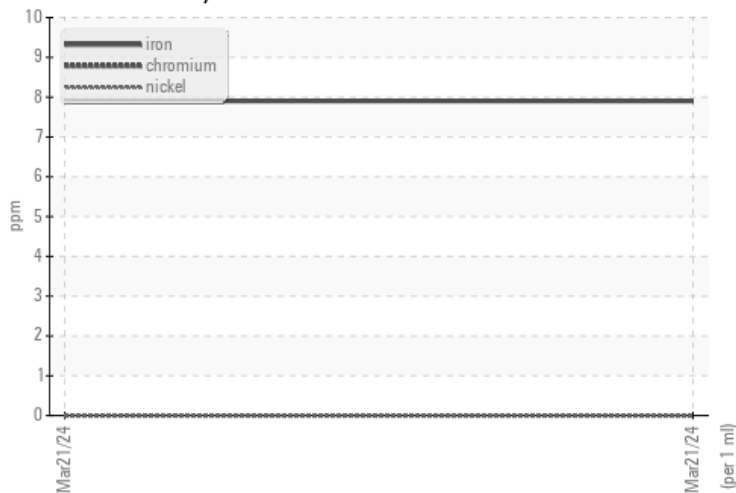
Signed: Wes Davis

Report Date: 28 Mar 2024

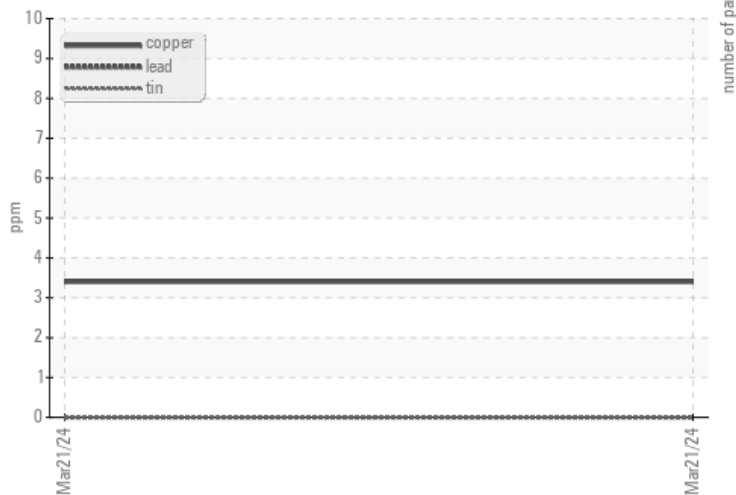


GRAPHS

Ferrous Alloys



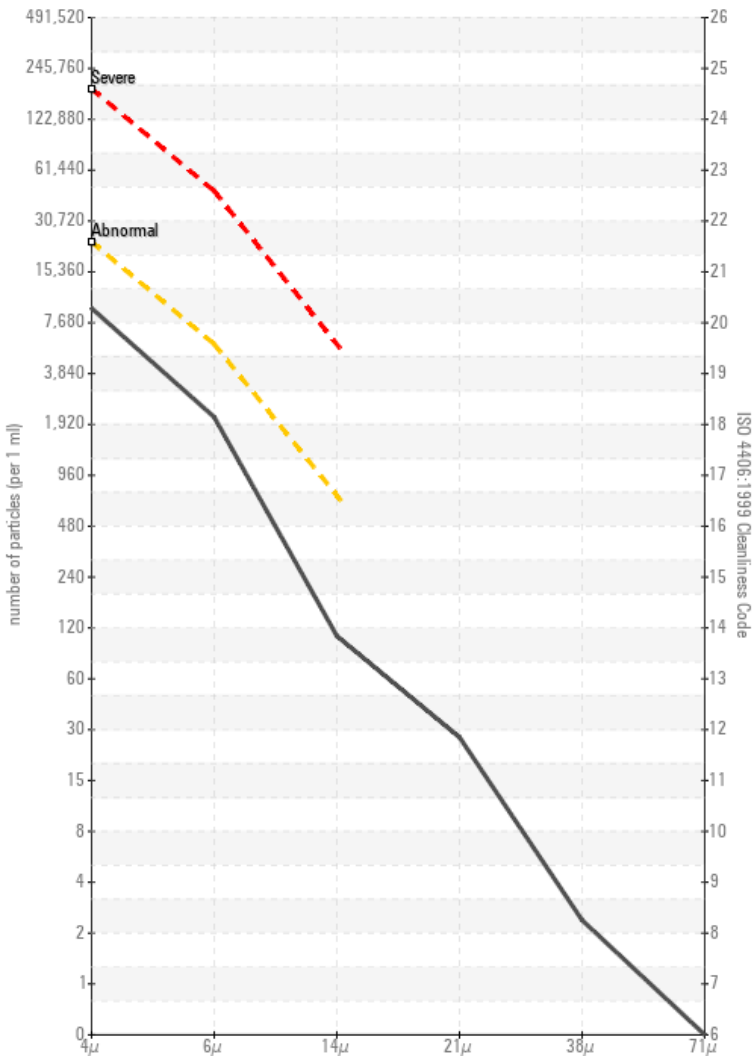
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

