

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 1253-146764 - Hydraulic System

Sample No: LH0276510

Oil Type: {unknown}



TRAM CONSTRUCTION

9279 E KY 8

GARRISON, KY

US 41141

Contact: Service Manager

T:

F:

Diagnosis

We recommend you service the filters on this component. 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. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



SAMPLE INFORMATION

Sample Number	LH0276510	---	---	---
Sample Date	08 Feb 2024	---	---	---
Machine Hours	1019	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	ATTENTION	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 43.6	---	---	---
Acid Number (AN)	mg KOH/g	● 1.18	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		● 16885	---	---	---
Particles >6µm		● 6082	---	---	---
Particles >14µm		● 723	---	---	---
ISO 4406:1999 (c)		21/20/17	---	---	---
Silicon	ppm	● 4	---	---	---
Sodium	ppm	● 0	---	---	---
Potassium	ppm	● 1	---	---	---



WEAR METALS

Iron	ppm	● 5	---	---	---
Copper	ppm	● 3	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1097	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	592	---	---	---
Phosphorus	ppm	522	---	---	---
Barium	ppm	2	---	---	---
Boron	ppm	0	---	---	---

Depot: TRAGARLH

Unique No: 10876966

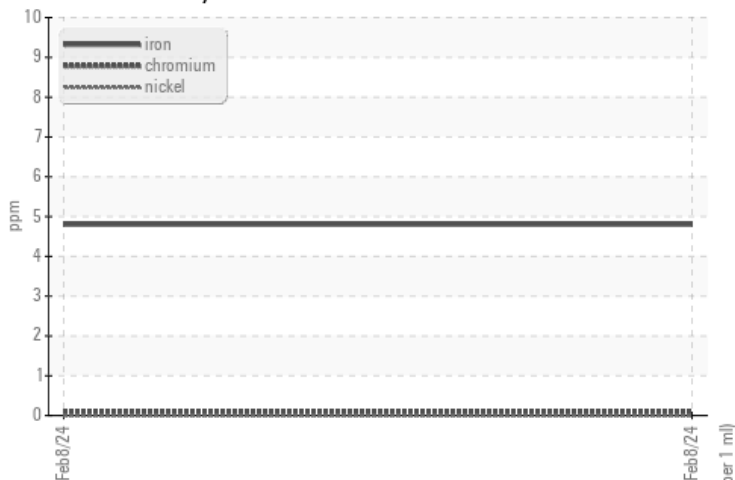
Signed: Wes Davis

Report Date: 15 Feb 2024

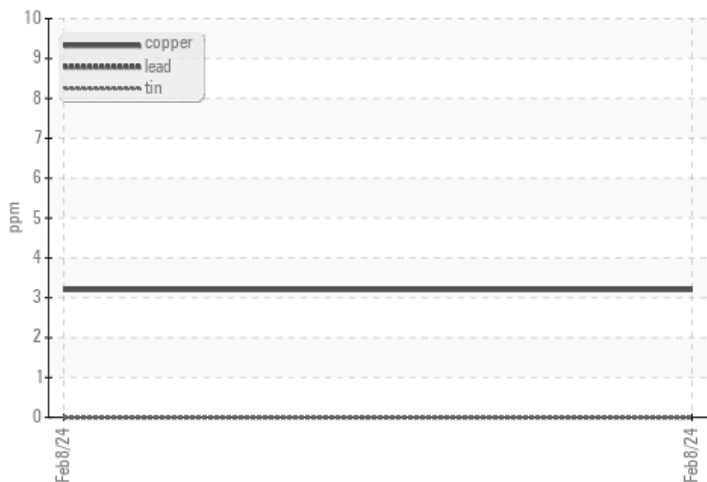


GRAPHS

Ferrous Alloys



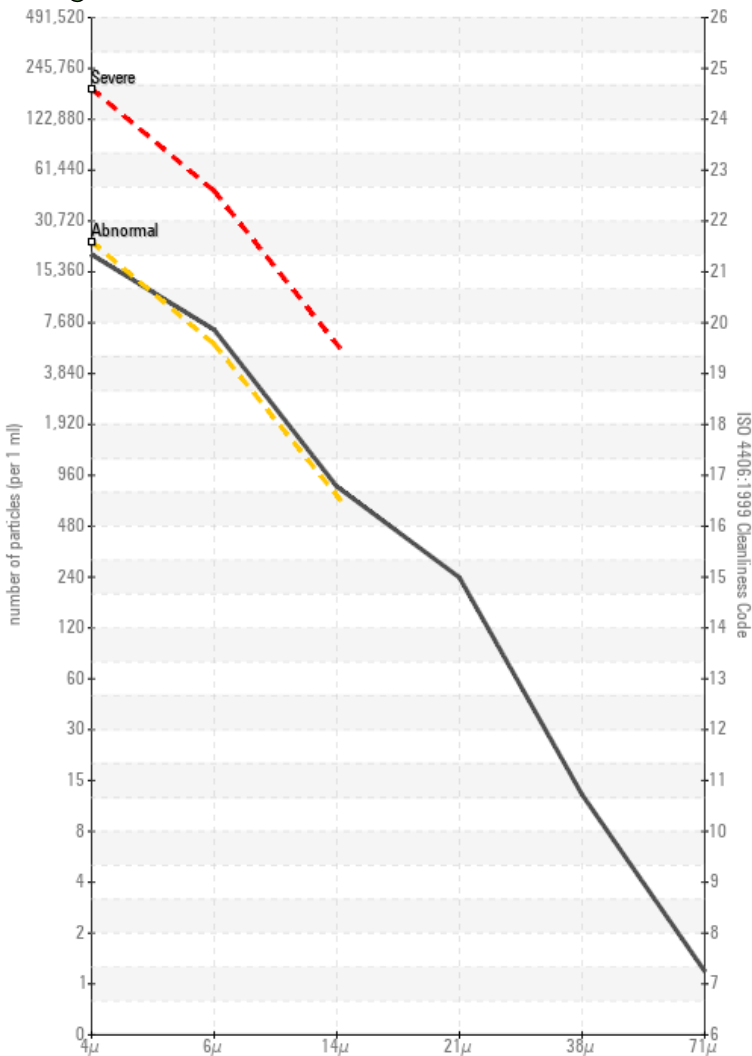
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

