

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 1253-146094 - Hydraulic System

Sample No: LH0278142

Oil Type: {unknown}



TRAM CONSTRUCTION
 9279 E KY 8
 GARRISON, KY
 US 41141
 Contact: Service Manager



Sample Information

Sample Number	LH0278142	---	---	---
Sample Date	30 May 2024	---	---	---
Machine Hours	1169	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



Oil Condition

Visc @ 40°C	cSt	44.4	---	---	---
Acid Number (AN)	mg KOH/g	1.15	---	---	---



Contamination

Water	%	NEG	---	---	---
Particles >4µm		3531	---	---	---
Particles >6µm		1318	---	---	---
Particles >14µm		50	---	---	---
ISO 4406:1999 (c)		19/18/13	---	---	---
Silicon	ppm	4	---	---	---
Sodium	ppm	0	---	---	---
Potassium	ppm	2	---	---	---



Wear Metals

Iron	ppm	11	---	---	---
Copper	ppm	5	---	---	---
Lead	ppm	1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



Additives

Calcium	ppm	1314	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	677	---	---	---
Phosphorus	ppm	562	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

T:
F:

Diagnosis

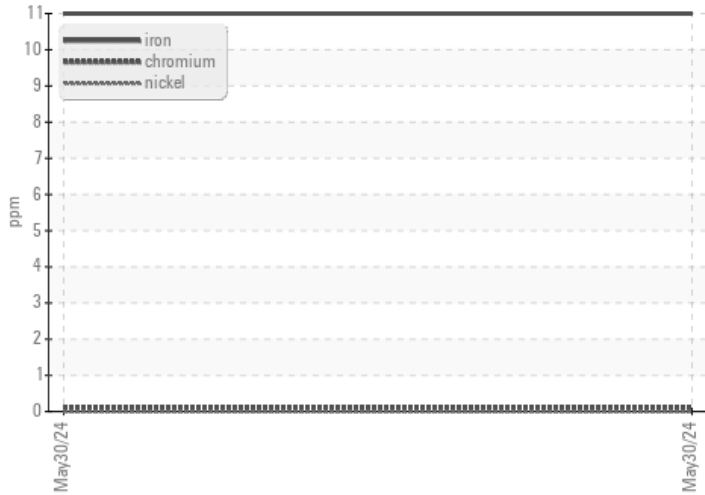
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level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

Depot: TRAGARLH
 Unique No: 11076629
 Signed: Wes Davis
 Report Date: 15 Jun 2024

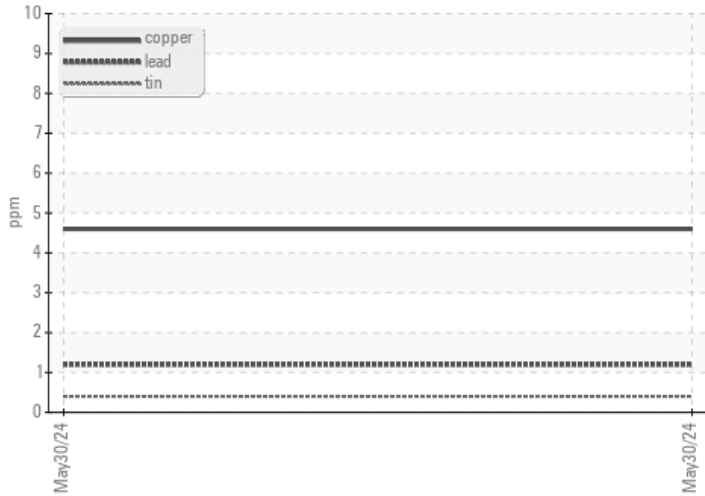


Graphs

Ferrous Alloys



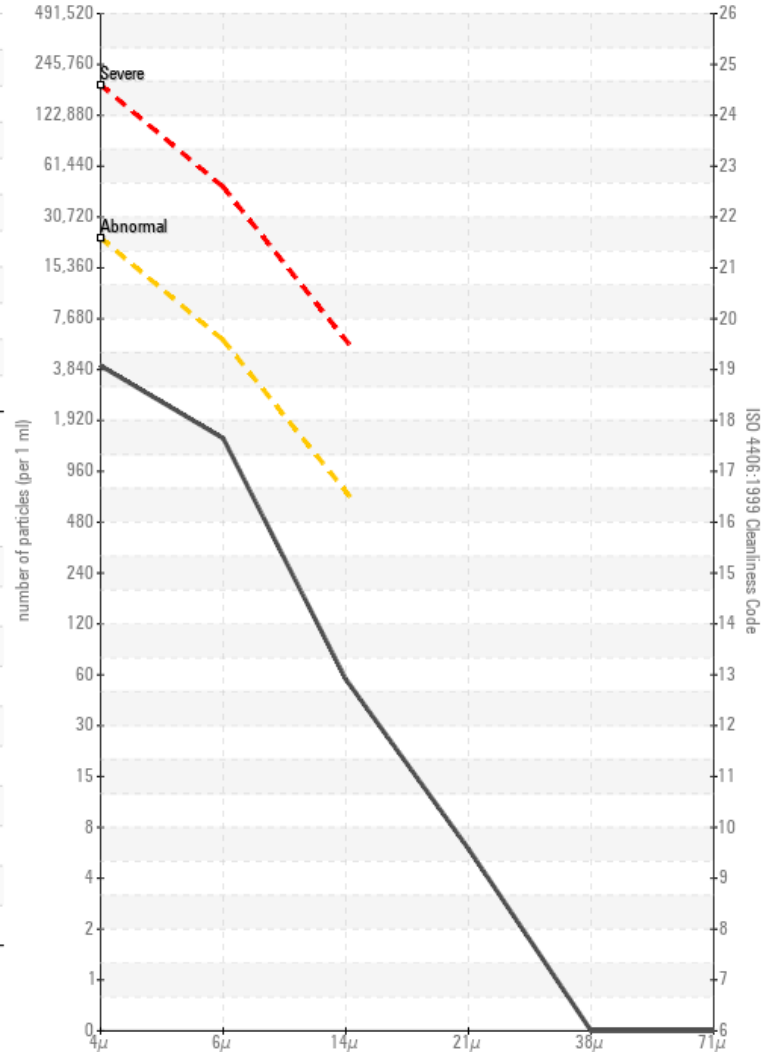
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

