

LIEBHERR

CONSTRUCTION EQUIPMENT



144015-1217 LIEBHERR LH60M 144015-1217 - Hydraulic System

Sample No: LH0220351

Oil Type: {unknown}



ADVANTAGE METALS RECYCLING - ST LOUIS
 5 N MARKET
 ST LOUIS, MO
 US 63102
 Contact: JEANETTE VAGO
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 T:
 F:



SAMPLE INFORMATION

Sample Number	LH0220351	---	---	---
Sample Date	23 Oct 2023	---	---	---
Machine Hours	500	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 44.9	---	---	---
Acid Number (AN)	mg KOH/g	● 1.25	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		● 4446	---	---	---
Particles >6µm		● 483	---	---	---
Particles >14µm		● 17	---	---	---
ISO 4406:1999 (c)		19/16/11	---	---	---
Silicon	ppm	● 4	---	---	---
Sodium	ppm	● <1	---	---	---
Potassium	ppm	● 1	---	---	---



WEAR METALS

Iron	ppm	● 10	---	---	---
Copper	ppm	● 4	---	---	---
Lead	ppm	● 0	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 0	---	---	---
Vanadium	ppm	● 0	---	---	---



ADDITIVES

Calcium	ppm	1306	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	724	---	---	---
Phosphorus	ppm	590	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	0	---	---	---

Diagnosis

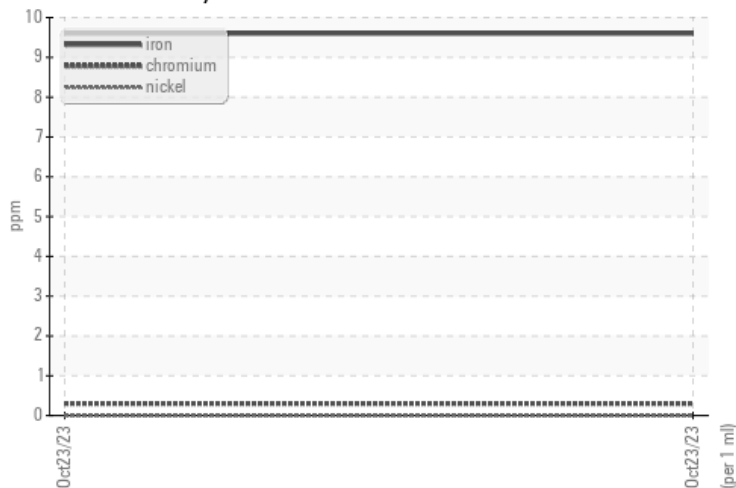
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level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

Depot: ADVSTL
 Unique No: 10849439
 Signed: Wes Davis
 Report Date: 30 Jan 2024

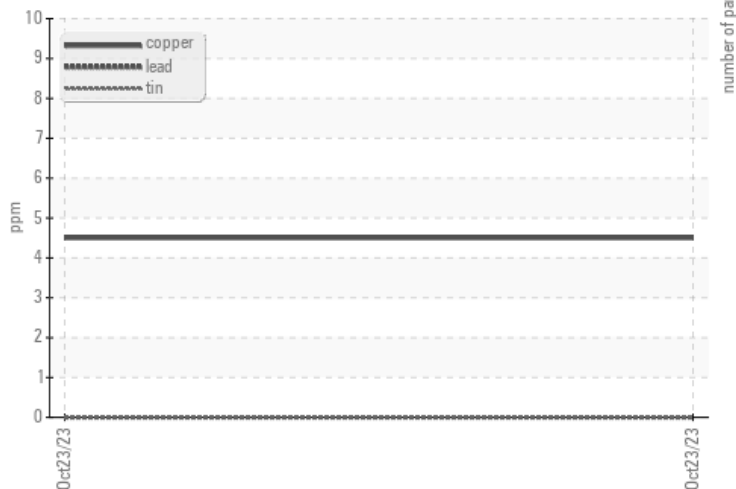


GRAPHS

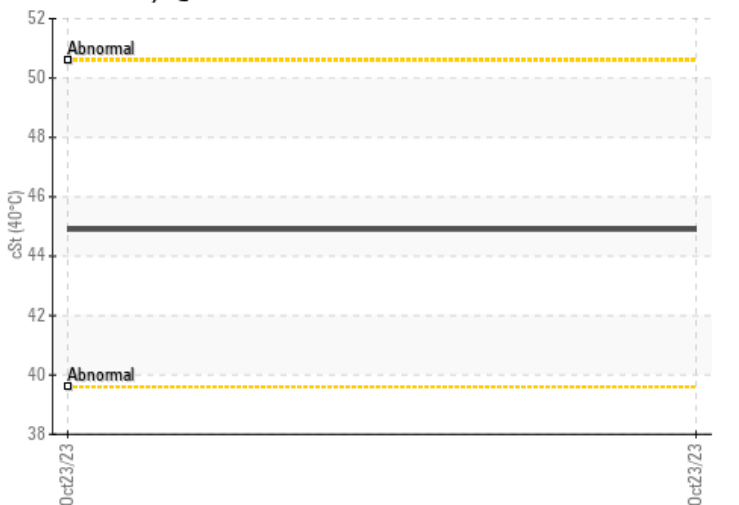
Ferrous Alloys



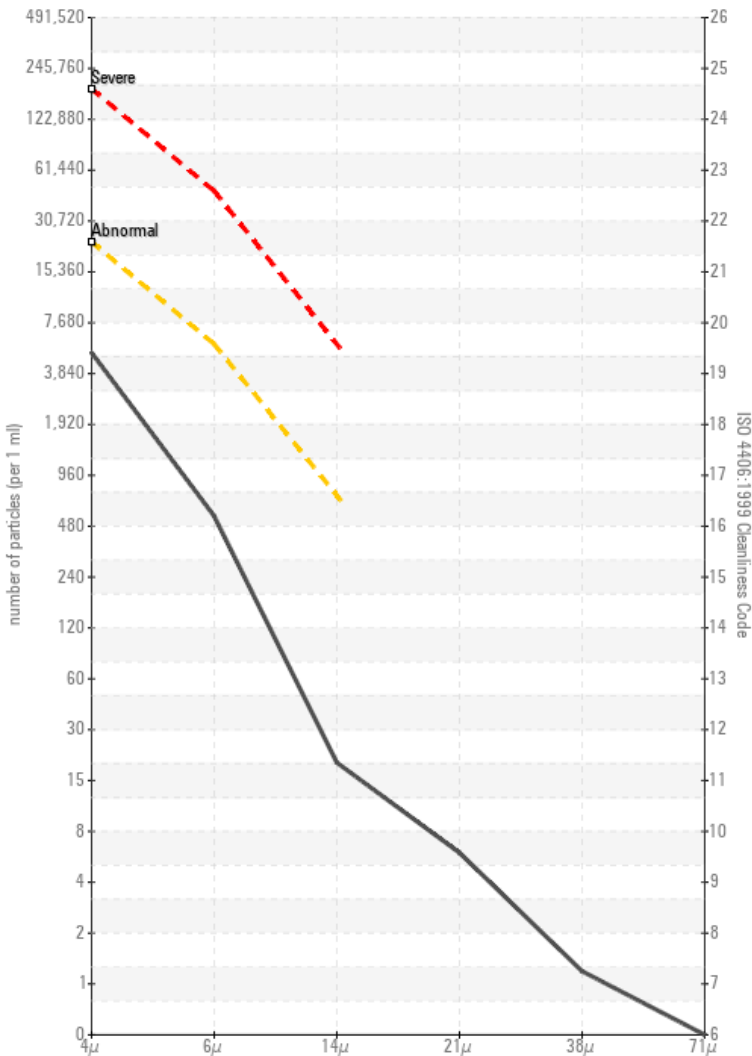
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

