

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 144689-1528 LIEBHERR LH60C 144689-1528 - Hydraulic System

Sample No: LH0267327

Oil Type: {unknown}



RIVER METALS RECYCLING - LOUISVILLE  
 PO BOX 6521  
 LOUISVILLE, KY  
 US 40206  
 Contact: RYAN BOWDEN

T:  
 F: (502)587-8699



#### SAMPLE INFORMATION

Sample Number	LH0267327	---	---	---
Sample Date	09 Feb 2024	---	---	---
Machine Hours	2403	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	40.9	---	---	---
Acid Number (AN)	mg KOH/g	0.84	---	---	---



#### CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		3933	---	---	---
Particles >6µm		687	---	---	---
Particles >14µm		32	---	---	---
ISO 4406:1999 (c)		19/17/12	---	---	---
Silicon	ppm	6	---	---	---
Sodium	ppm	3	---	---	---
Potassium	ppm	<1	---	---	---



#### WEAR METALS

Iron	ppm	23	---	---	---
Copper	ppm	12	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	4	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	1057	---	---	---
Magnesium	ppm	40	---	---	---
Zinc	ppm	680	---	---	---
Phosphorus	ppm	579	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	8	---	---	---

#### Diagnosis

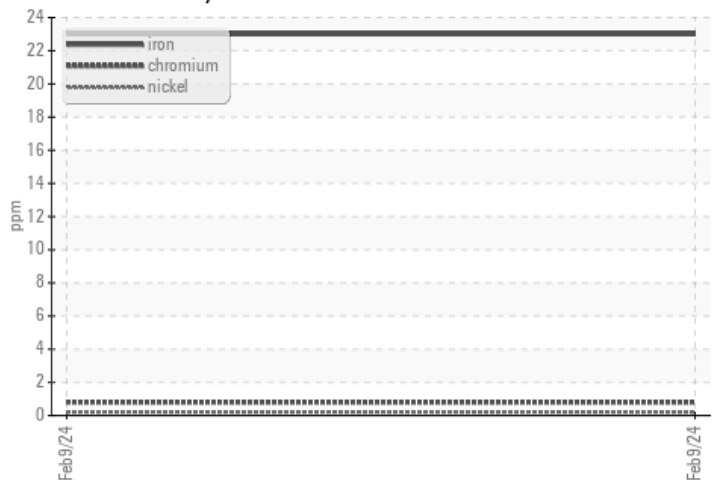
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The AN level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

Depot: RIVLOU  
 Unique No: 10876155  
 Signed: Wes Davis  
 Report Date: 15 Feb 2024

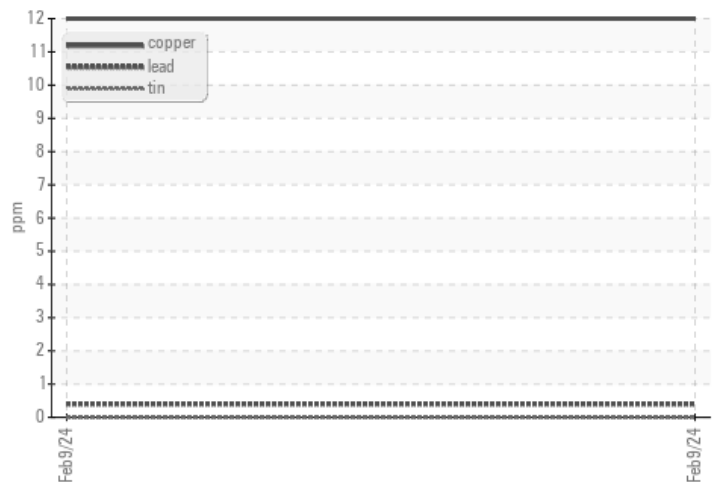


### GRAPHS

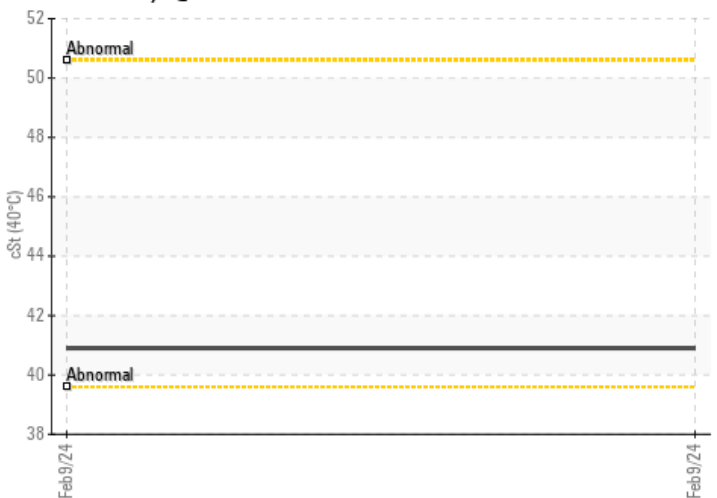
#### Ferrous Alloys



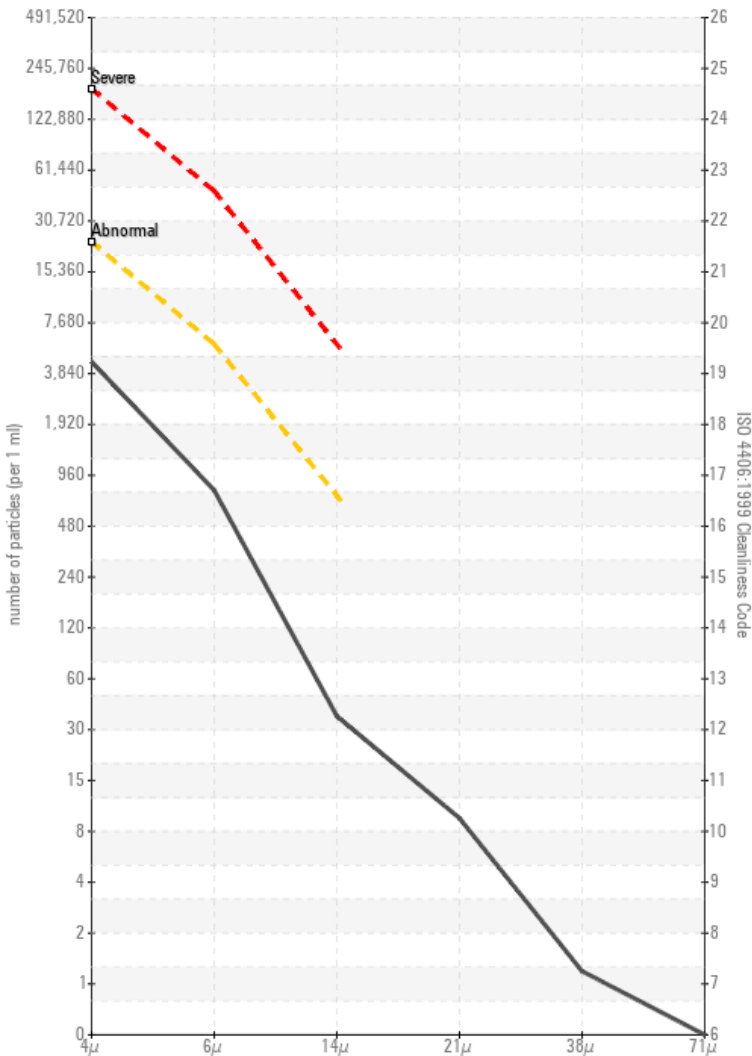
#### Non-ferrous Metals



#### Viscosity @ 40°C



#### Particle Count



#### Acid Number

