

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH40M 1215-106088 - Hydraulic System

Sample No: LH0272335

Oil Type: MV 46



#### Sample Information

Sample Number	LH0272335	---	---	---
Sample Date	06 Jun 2024	---	---	---
Machine Hours	12076	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

**STUFF RECYCLING**  
 6169 LEXINGTON ROAD  
 WINCHESTER, KY  
 US 40391  
 Contact: Service Manager



#### Oil Condition

Visc @ 40°C	cSt	41.7	---	---	---
Acid Number (AN)	mg KOH/g	0.50	---	---	---

T:  
F:



#### Contamination

Water	%	NEG	---	---	---
Particles >4µm		5857	---	---	---
Particles >6µm		1631	---	---	---
Particles >14µm		72	---	---	---
ISO 4406:1999 (c)		20/18/13	---	---	---
Silicon	ppm	2	---	---	---
Sodium	ppm	0	---	---	---
Potassium	ppm	1	---	---	---

#### Diagnosis

Resample at the next service interval to monitor. 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.



#### Wear Metals

Iron	ppm	24	---	---	---
Copper	ppm	5	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	2	---	---	---
Chromium	ppm	4	---	---	---
Molybdenum	ppm	2	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	<1	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



#### Additives

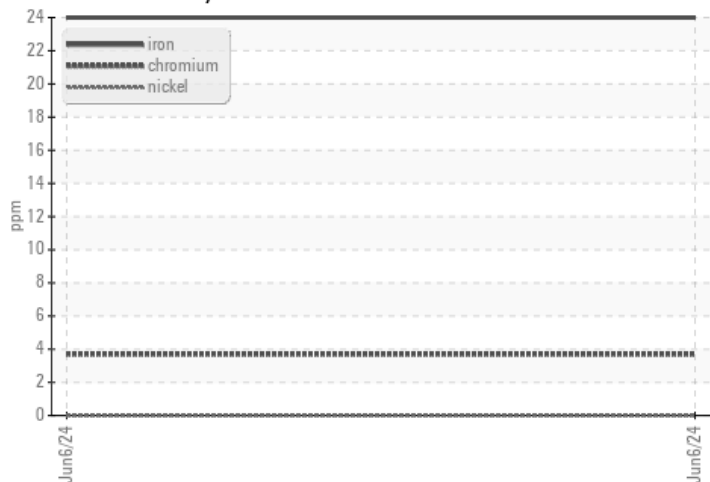
Calcium	ppm	165	---	---	---
Magnesium	ppm	12	---	---	---
Zinc	ppm	431	---	---	---
Phosphorus	ppm	325	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	<1	---	---	---

Depot: STUWIN  
 Unique No: 11076627  
 Signed: Wes Davis  
 Report Date: 15 Jun 2024

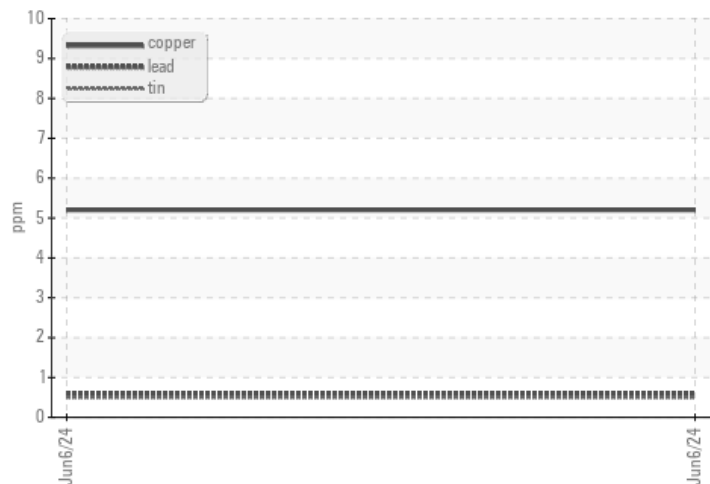


### Graphs

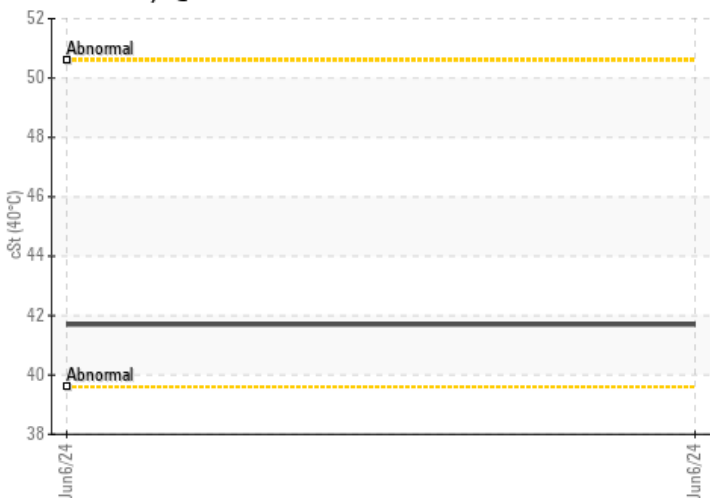
#### Ferrous Alloys



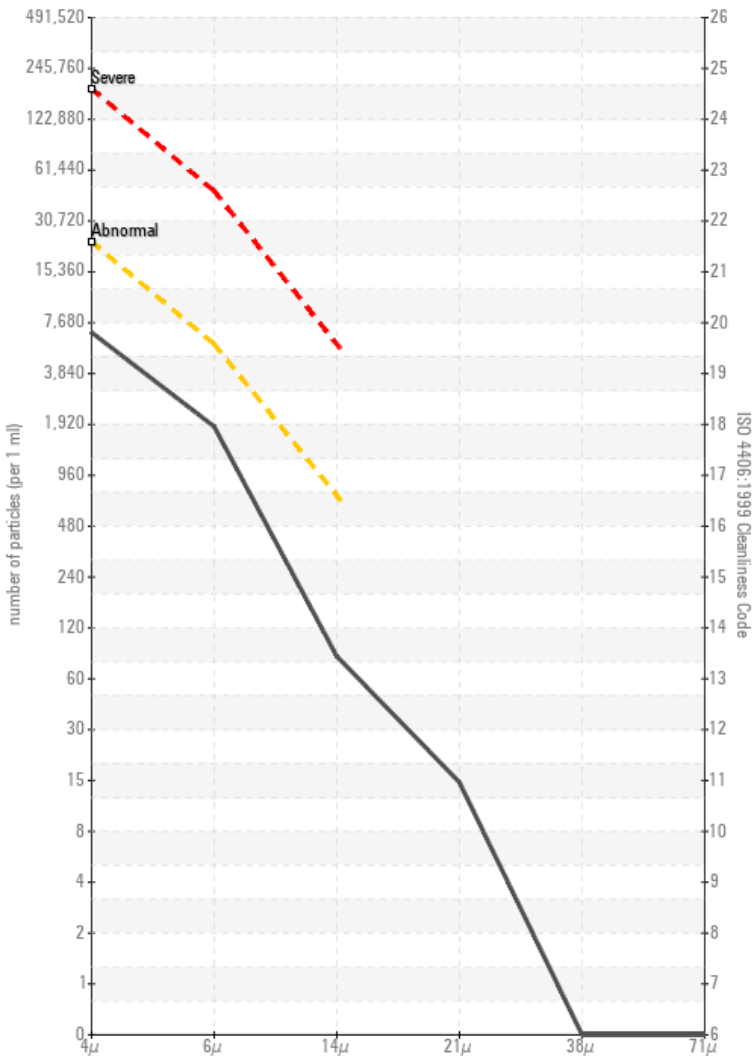
#### Non-ferrous Metals



#### Viscosity @ 40°C



#### Particle Count



#### Acid Number

