

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L550 73992 - Hydraulic System

Sample No: LH0289673

Oil Type: {unknown}



#### Sample Information

Sample Number	LH0289673	---	---	---
Sample Date	10 Apr 2024	---	---	---
Machine Hours	2541	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

#### DOFASCO INC.

P.O. BOX 2460, 1330 BURLINGTON ST.E, HEAVY EQUIPMENT REPAIR  
 HAMILTON, ON  
 CA L8N 3J5  
 Contact: HAROLD LOUDEN  
 harold.louden@arcelormittal.com  
 T: (905)548-7200  
 F: (905)548-7465



#### Oil Condition

Visc @ 40°C	cSt	● 44.4	---	---	---
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#### Contamination

Water	%	NEG	---	---	---
Particles >4µm		● 1834	---	---	---
Particles >6µm		● 394	---	---	---
Particles >14µm		● 35	---	---	---
ISO 4406:1999 (c)		18/16/12	---	---	---
Silicon	ppm	● 1	---	---	---
Sodium	ppm	● <1	---	---	---
Potassium	ppm	● <1	---	---	---

#### 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 condition of the oil is acceptable for the time in service.



#### Wear Metals

Iron	ppm	● 3	---	---	---
Copper	ppm	● 3	---	---	---
Lead	ppm	● 2	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● 3	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● 0	---	---	---
Manganese	ppm	● 0	---	---	---
Vanadium	ppm	● 0	---	---	---



#### Additives

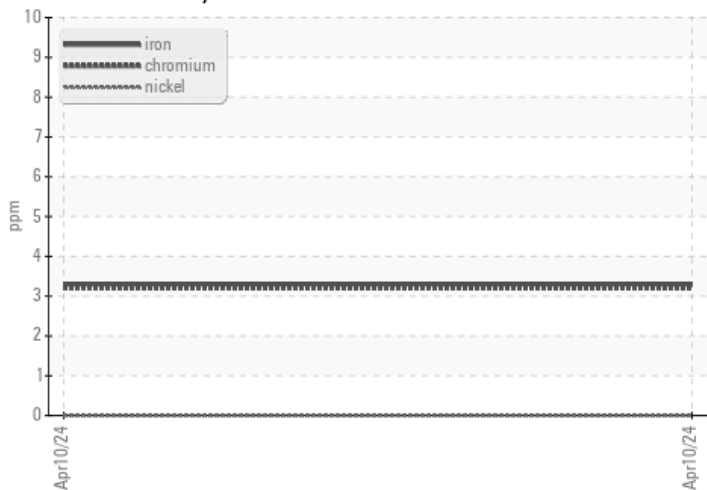
Calcium	ppm	1202	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	688	---	---	---
Phosphorus	ppm	599	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	<1	---	---	---

Depot: DOFHAM  
 Unique No: 5763756  
 Signed: Wes Davis  
 Report Date: 23 Apr 2024

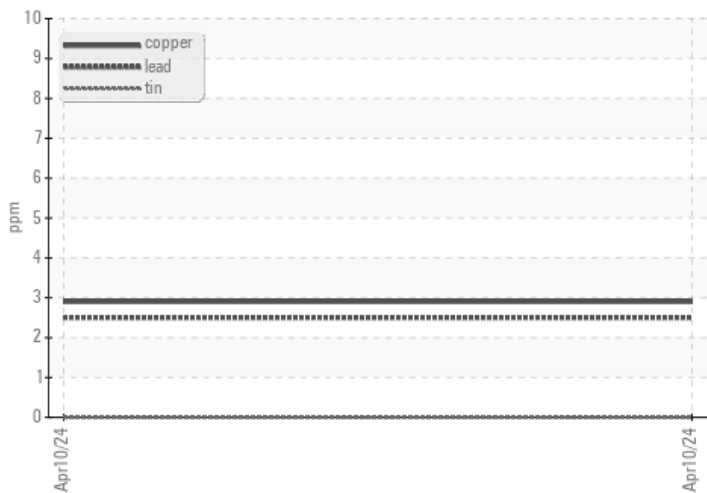


### Graphs

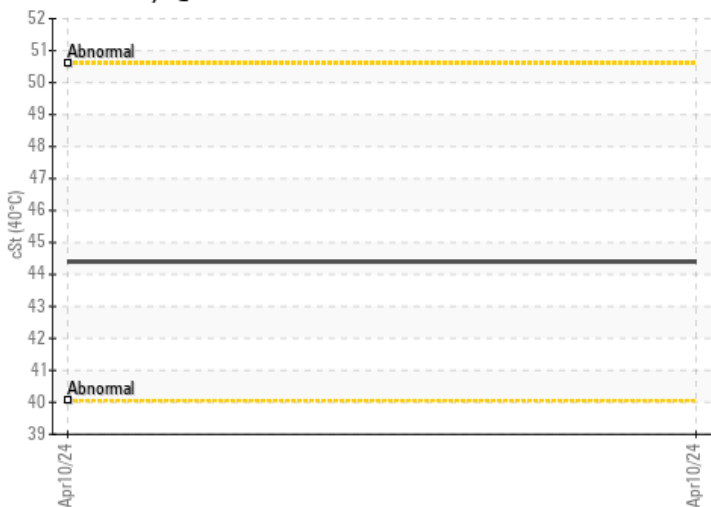
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

