

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 28550 - Hydraulic System

Sample No: LH0289858

Oil Type: {unknown}



#### Sample Information

Sample Number	LH0289858	LH0227200	---	---
Sample Date	10 May 2024	04 Apr 2022	---	---
Machine Hours	8963	8800	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	Not Changd	---	---
Sample Status	NORMAL	NORMAL	---	---

**American Iron and Metal**  
 200 rue Nadon  
 Amos, QC  
 CA J9T 3A1  
 Contact: Service Manager



#### Oil Condition

Visc @ 40°C	cSt	● 44.9	● 42.1	---	---
-------------	-----	--------	--------	-----	-----

T:  
F:



#### Contamination

Water	%	NEG	NEG	---	---
Particles >4µm		● 15994	● 12739	---	---
Particles >6µm		● 3136	● 2681	---	---
Particles >14µm		● 249	● 159	---	---
ISO 4406:1999 (c)		21/19/15	21/19/14	---	---
Silicon	ppm	● <1	● 1	---	---
Sodium	ppm	● 4	● 12	---	---
Potassium	ppm	● <1	● <1	---	---

#### Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Veuillez préciser la marque, le type et la viscosité de l'huile lors de votre prochain échantillon. Les taux d'usure de tous les composants sont normaux. La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable. L'état de l'huile est acceptable pour la durée de service.



#### Wear Metals

Iron	ppm	● 3	● 5	---	---
Copper	ppm	● 2	● 3	---	---
Lead	ppm	● 2	● 5	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● <1	● <1	---	---
Chromium	ppm	● <1	● <1	---	---
Molybdenum	ppm	0	<1	---	---
Nickel	ppm	● 0	<1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	1	0	---	---
Manganese	ppm	0	0	---	---
Vanadium	ppm	0	0	---	---



#### Additives

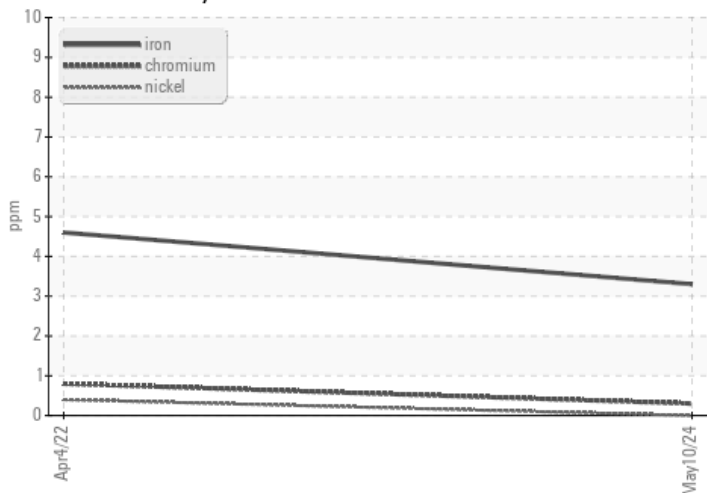
Calcium	ppm	261	334	---	---
Magnesium	ppm	16	47	---	---
Zinc	ppm	735	719	---	---
Phosphorus	ppm	584	592	---	---
Barium	ppm	0	0	---	---
Boron	ppm	1	2	---	---

**Depot:** AIMAMO  
**Unique No:** 5776108  
**Signed:** Kevin Marson  
**Report Date:** 13 May 2024

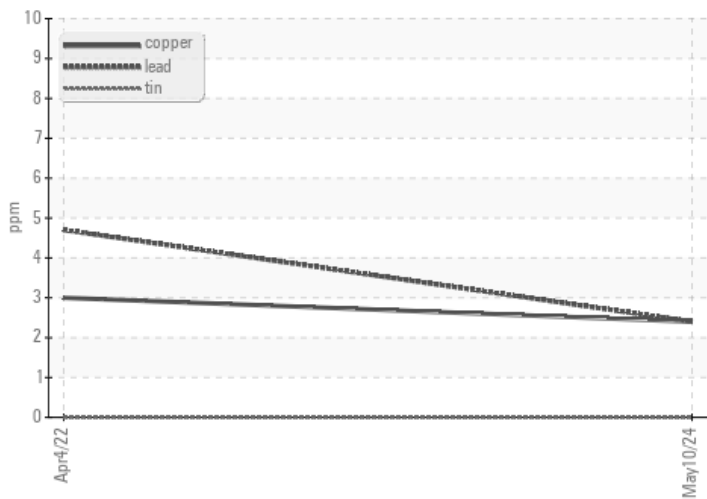


### Graphs

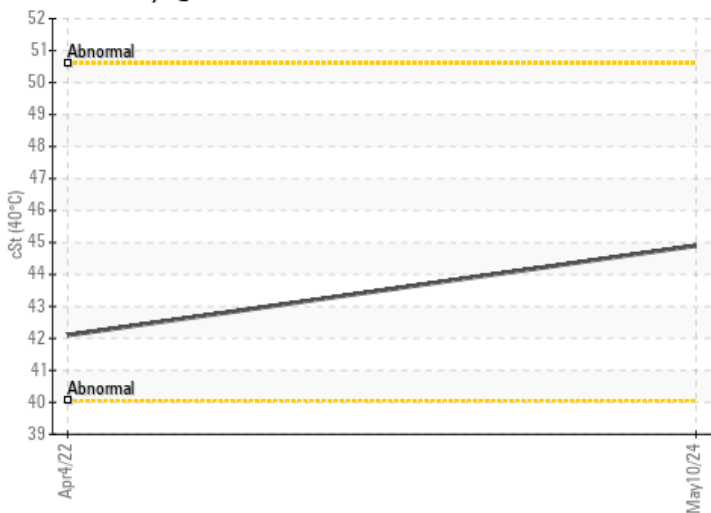
#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C



#### Particle Count

