

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR TA230 142551-1513 - Hydraulic System

Sample No: LH0265425

Oil Type: NOT GIVEN



**LES ENTREPRISES LOU-VIL INC**  
 255 BOUL. LOUIS XIV  
 QUEBEC, QC  
 CA G2K 1W6  
 Contact: Service Manager

T: (418)622-2958  
 F:



#### SAMPLE INFORMATION

Sample Number	LH0265425	---	---	---
Sample Date	01 Aug 2023	---	---	---
Machine Hours	1132	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	● 46.6	---	---	---
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#### CONTAMINATION

Particles >4µm		● 13046	---	---	---
Particles >6µm		● 535	---	---	---
Particles >14µm		● 13	---	---	---
ISO 4406:1999 (c)		21/16/11	---	---	---
Silicon	ppm	● 4	---	---	---
Sodium	ppm	● 1	---	---	---
Potassium	ppm	● 1	---	---	---



#### WEAR METALS

Iron	ppm	● 6	---	---	---
Copper	ppm	● 4	---	---	---
Lead	ppm	● 1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 2	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● <1	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	● 0	---	---	---



#### ADDITIVES

Calcium	ppm	1342	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	714	---	---	---
Phosphorus	ppm	671	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	<1	---	---	---

#### Diagnosis

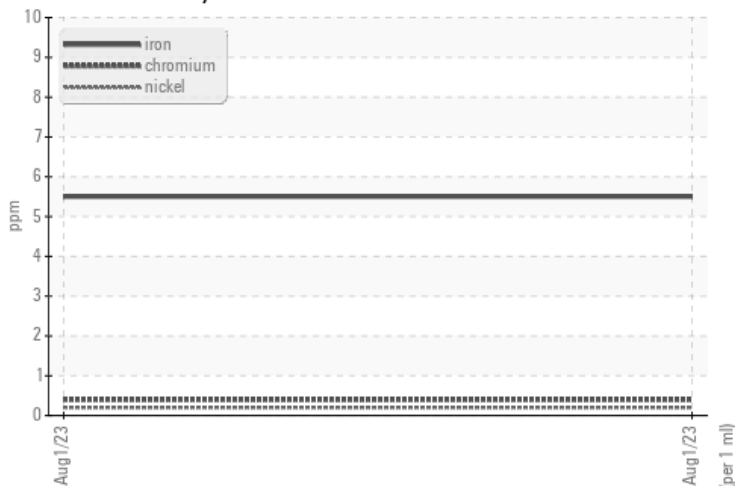
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The water content is negligible. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.

**Depot:** LOUQUE  
**Unique No:** 5619601  
**Signed:** Wes Davis  
**Report Date:** 09 Aug 2023

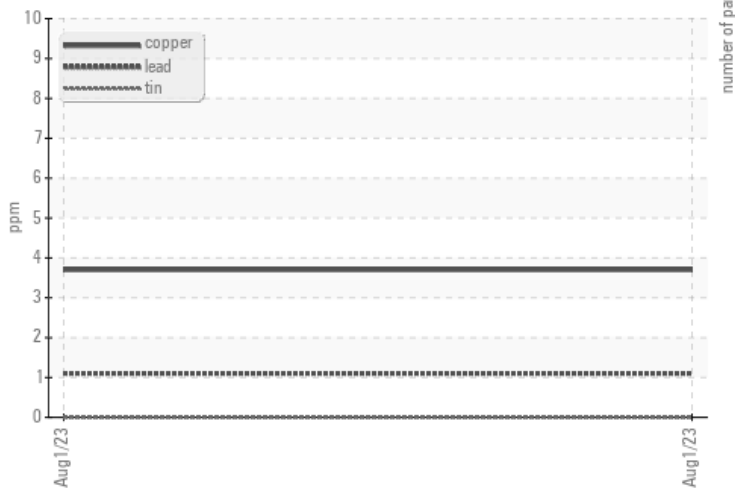


### GRAPHS

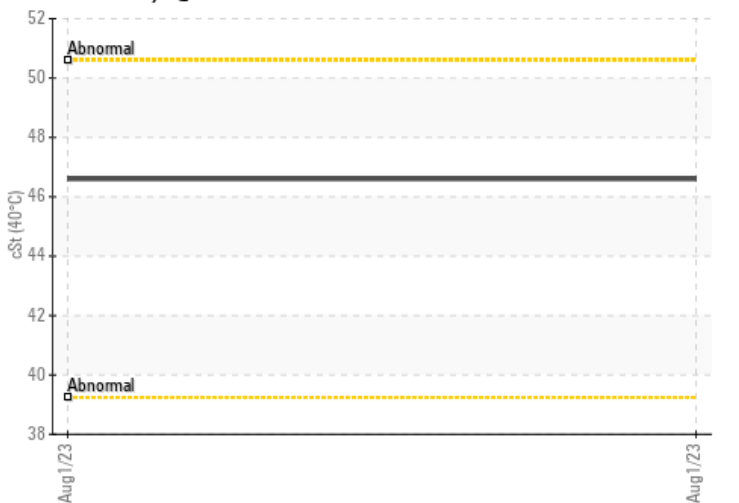
#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C



#### Particle Count

