

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50 37429 - Hydraulic System

Sample No: LH0277647  
 Oil Type: NOT GIVEN



**LIEBHERR CANADA LTD.**  
 1015 SUTTON DRIVE  
 BURLINGTON, ON  
 CA L7L 5Z8  
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#### SAMPLE INFORMATION

Sample Number	LH0277647	---	---	---
Sample Date	12 Oct 2023	---	---	---
Machine Hours	6950	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	● 43.0	---	---	---
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#### CONTAMINATION

Particles >4µm		● 3610	---	---	---
Particles >6µm		● 975	---	---	---
Particles >14µm		● 57	---	---	---
ISO 4406:1999 (c)		19/17/13	---	---	---
Silicon	ppm	● <1	---	---	---
Sodium	ppm	● <1	---	---	---
Potassium	ppm	● <1	---	---	---



#### WEAR METALS

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



#### ADDITIVES

Calcium	ppm	● 206	---	---	---
Magnesium	ppm	● <1	---	---	---
Zinc	ppm	● 756	---	---	---
Phosphorus	ppm	● 580	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● <1	---	---	---

#### Diagnosis

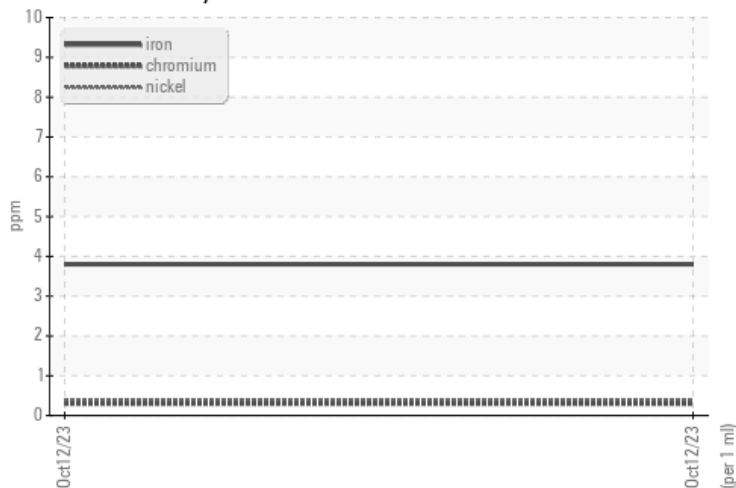
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition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

Depot: LIEMIS  
 Unique No: 5657998  
 Signed: Wes Davis  
 Report Date: 16 Oct 2023

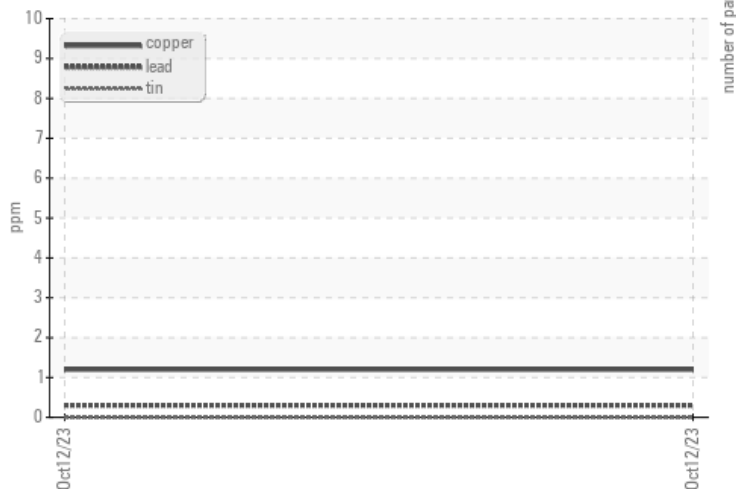


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C



#### Particle Count

