

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR A904 056759-005 - Hydraulic System

Sample No: LH  
Oil Type: NOT GIVEN



**LIEBHERR CANADA LTEE**  
444 AVENUE DE LA FRICHE  
DOLBEAU-MISTASSINI, QC  
CA G8L 3M7  
Contact: Luc Trottier  
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T:  
F: (418)276-9844



#### SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	18 Oct 2023	---	---	---
Machine Hours	14788	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	● 41.0	---	---	---
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#### CONTAMINATION

Particles >4µm		● 5226	---	---	---
Particles >6µm		● 336	---	---	---
Particles >14µm		● 11	---	---	---
ISO 4406:1999 (c)		20/16/11	---	---	---
Silicon	ppm	● 2	---	---	---
Sodium	ppm	● 2	---	---	---
Potassium	ppm	● 0	---	---	---



#### WEAR METALS

Iron	ppm	● 16	---	---	---
Copper	ppm	● 4	---	---	---
Lead	ppm	● <1	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● <1	---	---	---
Chromium	ppm	● <1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	475	---	---	---
Magnesium	ppm	14	---	---	---
Zinc	ppm	470	---	---	---
Phosphorus	ppm	426	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	6	---	---	---

#### Diagnosis

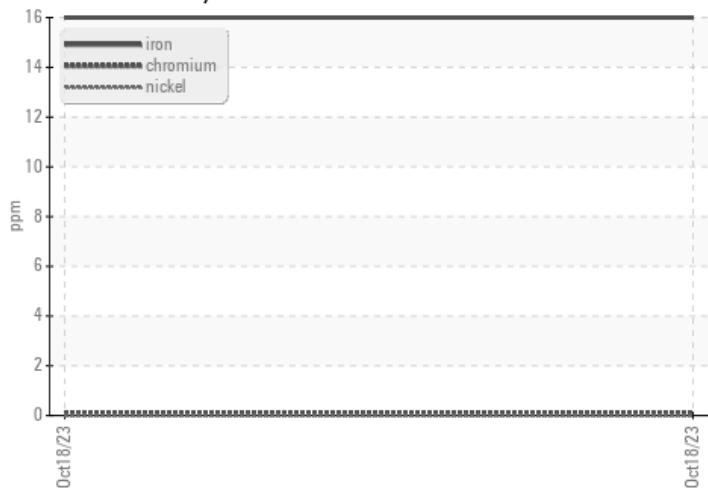
Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition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

Depot: LBADOL  
Unique No: 5668905  
Signed: Wes Davis  
Report Date: 26 Oct 2023

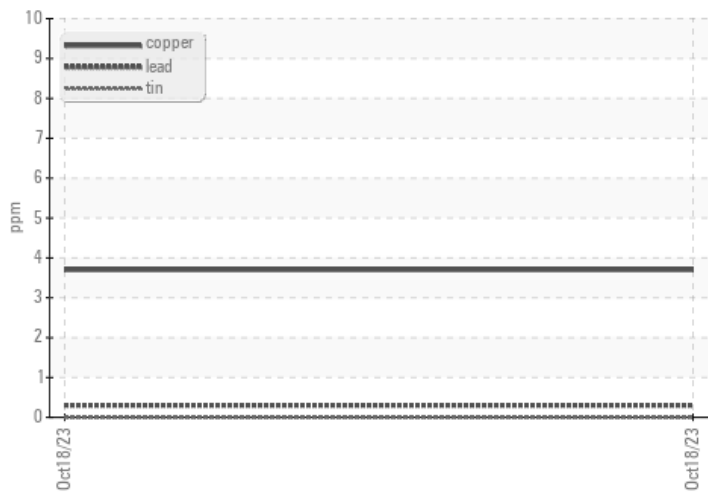


### GRAPHS

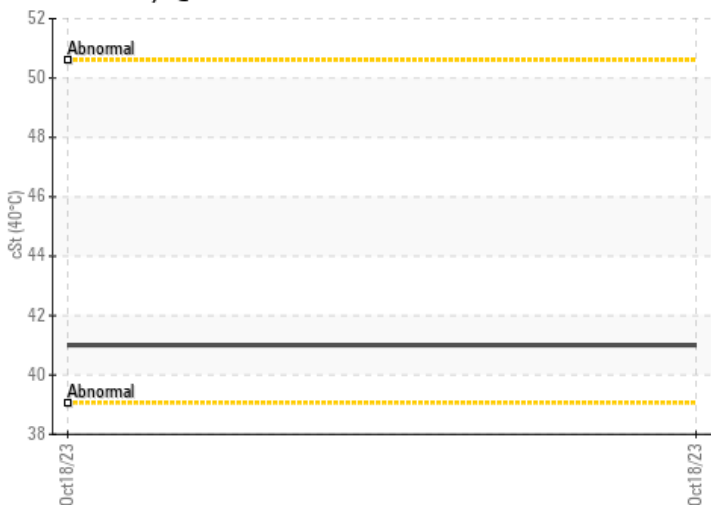
#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C



#### Particle Count

