

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(339749)] 068411-1203 - Hydraulic System

Sample No: LH0274125  
 Oil Type: CARQUEST 32



**American Iron and Metal**  
 2291 Avenue Larivieres  
 Rouyn-Noranda, QC  
 CA J9Y 0G7  
 Contact: Service Manager

T:  
 F:



#### SAMPLE INFORMATION

Sample Number	LH0274125	---	---	---
Sample Date	19 Sep 2023	---	---	---
Machine Hours	17217	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Changd	---	---	---
Sample Status	NORMAL	---	---	---



#### OIL CONDITION

Visc @ 40°C	cSt	35.8	---	---	---
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#### CONTAMINATION

Particles >4µm		10076	---	---	---
Particles >6µm		923	---	---	---
Particles >14µm		47	---	---	---
ISO 4406:1999 (c)		21/17/13	---	---	---
Silicon	ppm	<1	---	---	---
Sodium	ppm	1	---	---	---
Potassium	ppm	<1	---	---	---



#### WEAR METALS

Iron	ppm	6	---	---	---
Copper	ppm	1	---	---	---
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	145	---	---	---
Magnesium	ppm	56	---	---	---
Zinc	ppm	481	---	---	---
Phosphorus	ppm	381	---	---	---
Barium	ppm	<1	---	---	---
Boron	ppm	3	---	---	---

#### Diagnosis

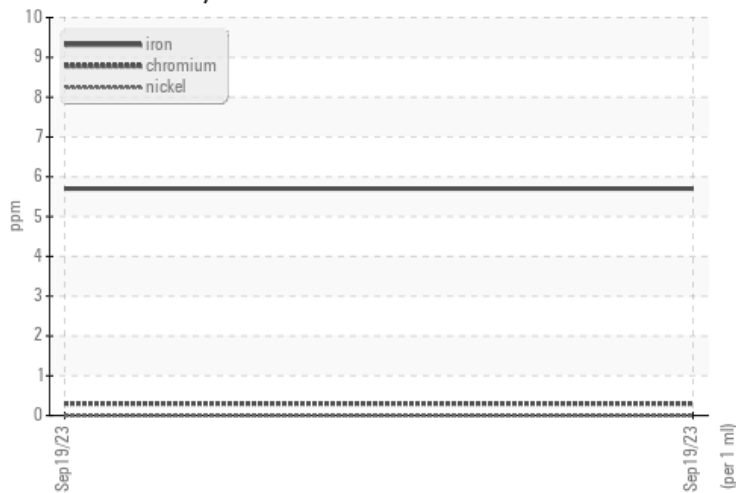
Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable. L'état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

Depot: AIMROU  
 Unique No: 5646634  
 Signed: Wes Davis  
 Report Date: 28 Sep 2023

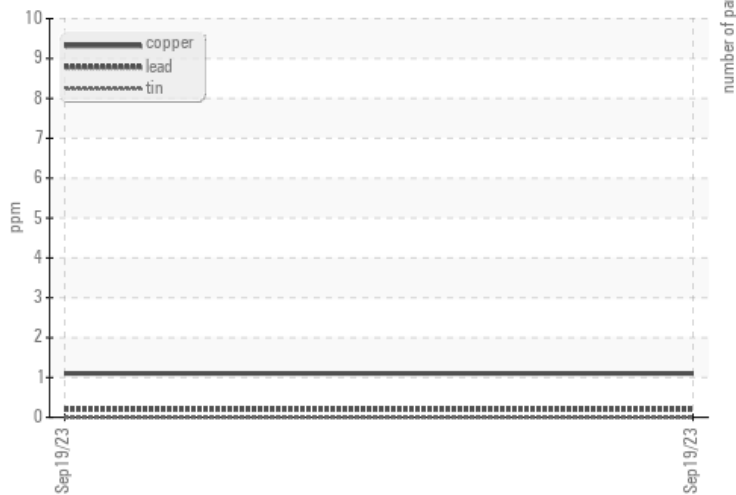


### GRAPHS

#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C



#### Particle Count

