

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### 056328-1783 - Hydraulic System

Sample No: LH0252386

Oil Type: NOT GIVEN



#### SAMPLE INFORMATION

Sample Number	LH0252386	---	---	---
Sample Date	11 Aug 2023	---	---	---
Machine Hours	1314	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ATTENTION	---	---	---

#### American Iron and Metal

10305 Metropolitaine Est, Garage porte 13  
 Montreal, QC  
 CA H1B 1A1  
 Contact: Sebastien Liautaud  
 sliautaud@aimrecyclinggroup.com  
 T:  
 F:



#### OIL CONDITION

Visc @ 40°C	cSt	38.4	---	---	---
Acid Number (AN)	mg KOH/g	1.14	---	---	---



#### CONTAMINATION

Particles >4µm		27831	---	---	---
Particles >6µm		6711	---	---	---
Particles >14µm		278	---	---	---
ISO 4406:1999 (c)		22/20/15	---	---	---
Silicon	ppm	3	---	---	---
Sodium	ppm	1	---	---	---
Potassium	ppm	2	---	---	---



#### WEAR METALS

Iron	ppm	26	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



#### ADDITIVES

Calcium	ppm	1040	---	---	---
Magnesium	ppm	7	---	---	---
Zinc	ppm	608	---	---	---
Phosphorus	ppm	588	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	2	---	---	---

#### Diagnosis

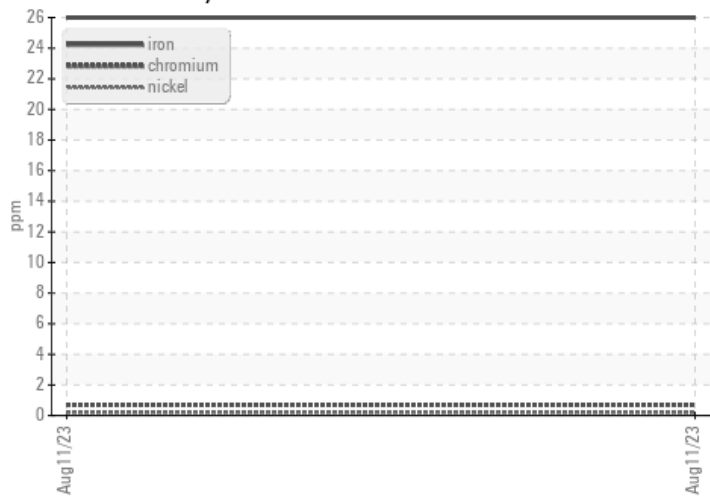
We recommend you service the filters on this component. Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is SAE 10W Low-Ash Natural Gas Engine Oil. Please confirm the oil type and grade, and specify the brand of the oil on your next sample. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

Depot: LACMON  
 Unique No: 5644688  
 Signed: Bill Quesnel  
 Report Date: 20 Sep 2023

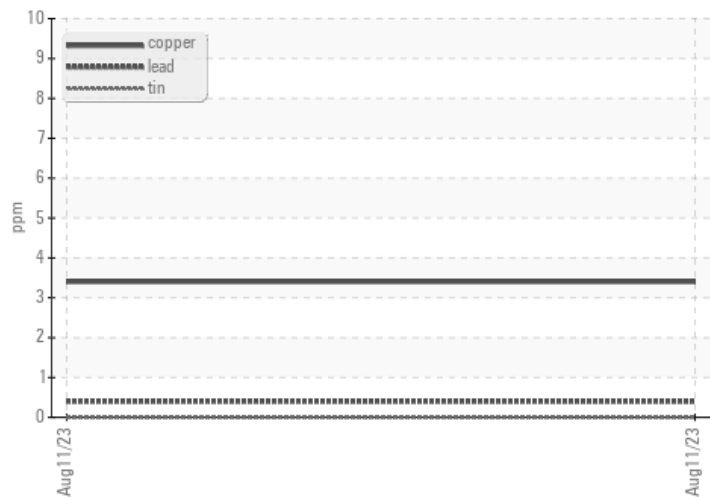


### GRAPHS

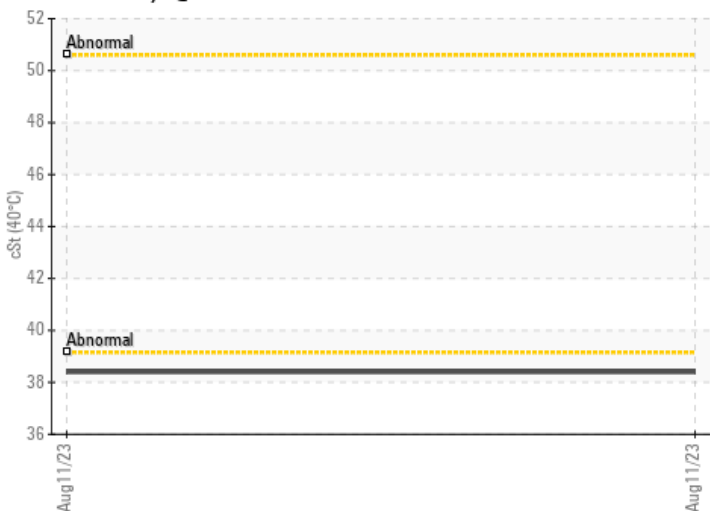
#### Ferrous Alloys



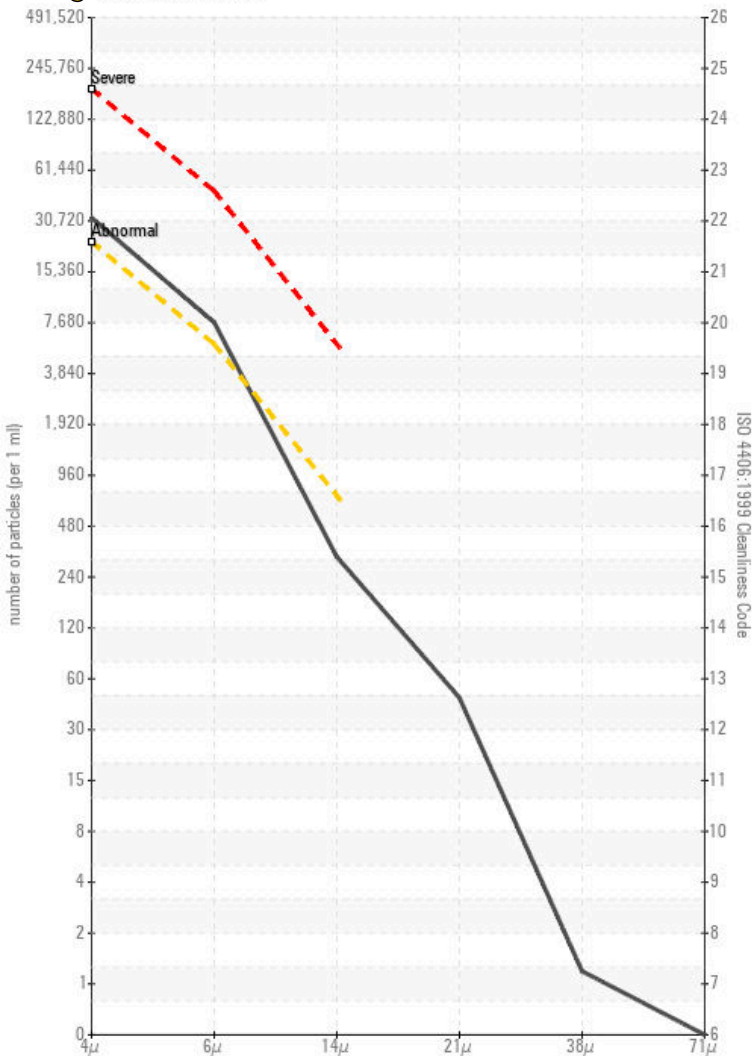
#### Non-ferrous Metals



#### Viscosity @ 40°C



#### Particle Count



#### Acid Number

