

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH60M 146313-1217 - Hydraulic System

Sample No: LH0278961

Oil Type: NOT GIVEN



**WENTWORTH METAL RECYCLING**  
 495 WENTWORTH STREET NORTH  
 HAMILTON, ON  
 CA L8L 5X1  
 Contact: Jaason  
 jaason@wentworthrecycling.com  
 T:  
 F:



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0278961	LH0274790	LH0247198	---
Date d'échant.	27 Nov 2023	05 Sep 2023	14 Jun 2023	---
Heures de la Machine	1637	1114	530	---
Heures de l'huile	0	0	0	---
Huile changée	Not Changd	Not Changd	Not Changd	---
Statut de l'échant.	ABNORMAL	MARGINAL	NORMAL	---



#### ÉTAT D'HUILE

Visc 40°C	cSt	43.0	43.4	44.6	---



#### CONTAMINATION

Eau	%	NEG	NEG	NEG	---
Particules >4µ		18536	5624	4836	---
Particules >6µ		4109	922	1314	---
Particules >14µ		170	57	113	---
ISO 4406:1999 (c)		21/19/15	20/17/13	19/18/14	---
Silicium	ppm	4	4	3	---
Sodium	ppm	3	2	1	---
Potassium	ppm	0	1	<1	---



#### MÉTAUX D'USURE

Fer	ppm	24	22	14	---
Cuivre	ppm	17	8	2	---
Plomb	ppm	1	<1	0	---
Étain	ppm	0	0	0	---
Aluminium	ppm	<1	<1	<1	---
Chrome	ppm	<1	<1	0	---
Molybdène	ppm	0	0	0	---
Nickel	ppm	<1	0	0	---
Titane	ppm	0	0	0	---
Argent	ppm	<1	0	0	---
Manganèse	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---



#### ADDITIFS

Calcium	ppm	1185	1247	1358	---
Magnésium	ppm	4	4	4	---
Zinc	ppm	699	701	720	---
Phosphore	ppm	601	648	689	---
Baryum	ppm	<1	0	0	---
Bore	ppm	<1	<1	<1	---

#### Diagnostic

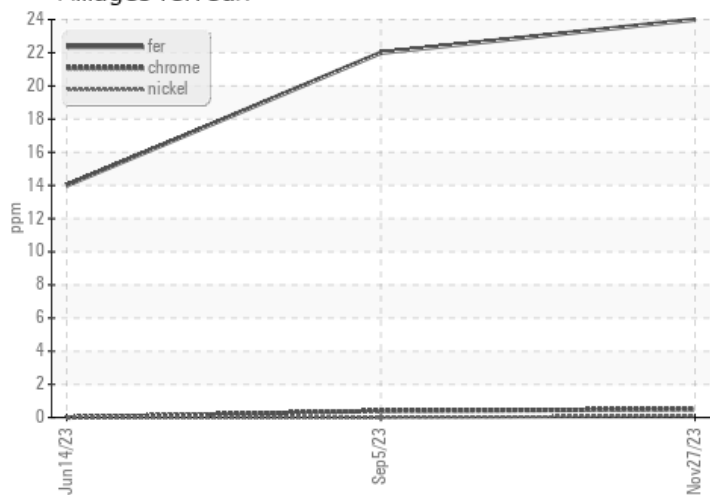
We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. Copper ppm levels are abnormal. Bearing and/or bushing wear is indicated. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. NOTE: An increase in the particle count is noted. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: WENHAM  
 Unique No: 5684529  
 Signed: Kevin Marson  
 Report Date: 30 Nov 2023

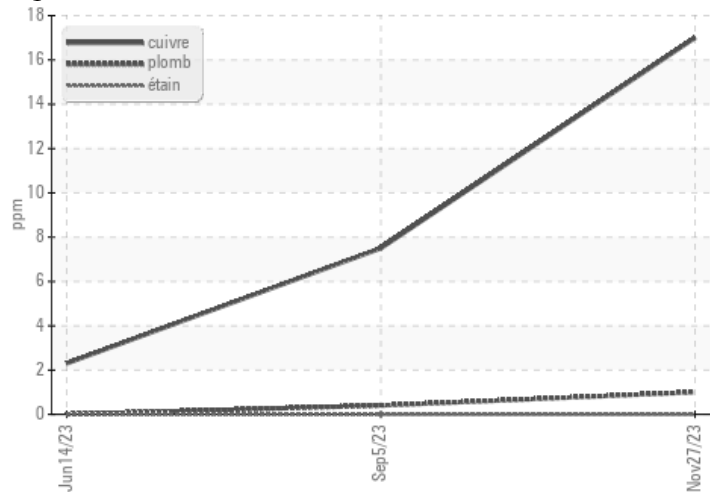


### GRAPHS

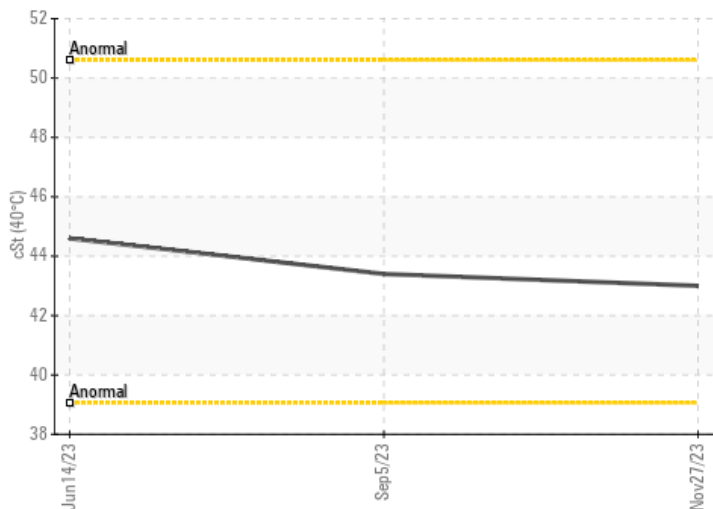
#### Alliages ferreux



#### Métaux non-ferreux



#### Viscosité 40°C



#### Comptage de particules

