

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(341435)] LIEBHERR LH50M 128733-1216 - Hydraulic System

Sample No: LH0274633

Oil Type: NOT GIVEN



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0274633	LH0256934	LH0256833	LH0251371
Date d'échant.	16 Aug 2023	11 Jun 2023	30 Mar 2023	24 Jan 2023
Heures de la Machine	7832	14253	6168	5618
Heures de l'huile	0	0	0	0
Huile changée	Changed	Not Changd	Not Changd	Not Changd
Statut de l'échant.	SEVERE	SEVERE	SEVERE	ABNORMAL

**COMBINED METAL INDUSTRIES**  
454 DOBBIE DRIVE  
CAMBRIDGE, ON  
CA N1T 1S7  
Contact: Service Manager



#### ÉTAT D'HUILE

Visc 40°C	cSt	40.9	41.2	41.7	41.9
		●	●	●	●

T:  
F:



#### CONTAMINATION

Particules >4µ		● 65082	● 3986	● 2058	● 9193
Particules >6µ		● 19821	● 1081	● 482	● 2887
Particules >14µ		● 851	● 86	● 25	● 271
ISO 4406:1999 (c)		23/21/17	19/17/14	18/16/12	20/19/15
Silicium	ppm	● 2	● 2	● 2	● 2
Sodium	ppm	● 2	● 1	● 2	● 1
Potassium	ppm	● <1	● <1	● 1	● 0

#### Diagnostic

The oil change at the time of sampling has been noted. We recommend you service the filters on this component. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. Iron ppm levels are severe. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.



#### MÉTAUX D'USURE

PQ		● 9	● 6	● 1	● 4
Fer	ppm	● 126	● 116	● 103	● 99
Cuivre	ppm	● 4	● 4	● 3	● 3
Plomb	ppm	● <1	● <1	● <1	● <1
Étain	ppm	● 0	● 0	● <1	● <1
Aluminium	ppm	● 1	● <1	● <1	● <1
Chrome	ppm	● 1	● 1	● <1	● <1
Molybdène	ppm	0	0	0	0
Nickel	ppm	● 0	● 0	● 0	● <1
Titane	ppm	0	0	0	0
Argent	ppm	4	0	0	0
Manganèse	ppm	2	2	2	2
Vanadium	ppm	0	<1	<1	<1



#### ADDITIFS

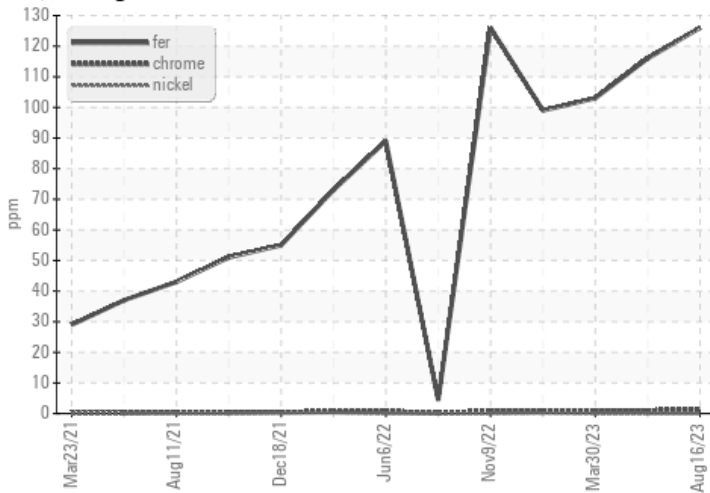
Calcium	ppm	480	536	544	567
Magnésium	ppm	3	2	2	2
Zinc	ppm	797	774	780	793
Phosphore	ppm	674	699	690	687
Baryum	ppm	0	0	0	0
Bore	ppm	<1	<1	<1	<1

Depot: COM454CAM  
Unique No: 5629528  
Signed: Kevin Marson  
Report Date: 18 Aug 2023

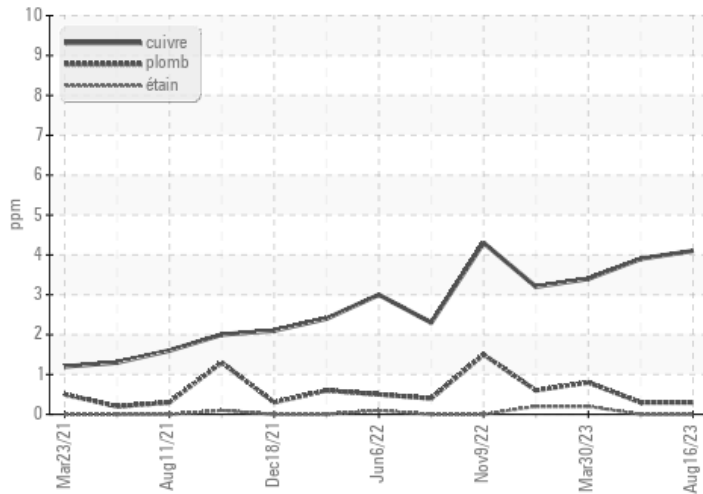


### GRAPHS

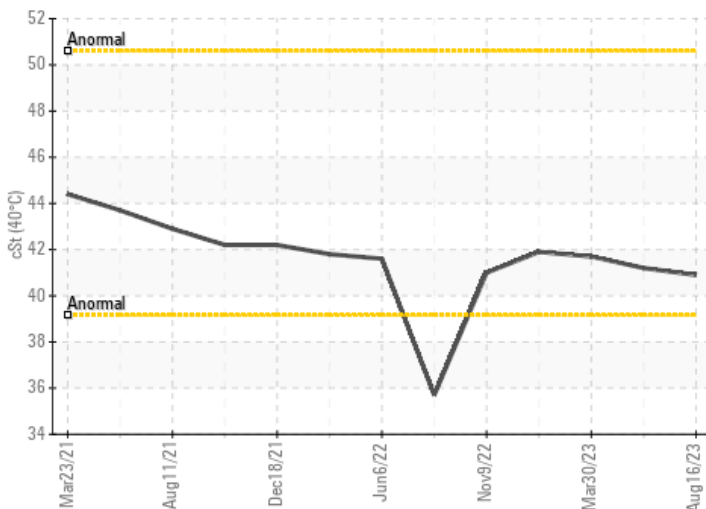
#### ● Alliages ferreux



#### Métaux non-ferreux



#### Viscosité 40°C



#### ● Comptage de particules

