

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH22M 142190-1250 - Hydraulic System

Sample No: LH0285130

Oil Type: {unknown}



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0285130	LH0278909	LH0257003	---
Date d'échant.	29 Jan 2024	20 Nov 2023	19 Mar 2023	---
Heures de la Machine	2241	1772	754	---
Heures de l'huile	0	0	0	---
Huile changée	Not Changd	Not Changd	Not Changd	---
Statut de l'échant.	NORMAL	ATTENTION	ABNORMAL	---

Combined Metals Industries

8470 Keele Street

Concord, ON

CA L4K 2S1

Contact: Service Manager



#### ÉTAT D'HUILE

Visc 40°C	cSt	42.5	47.0	43.7	---
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T:

F:



#### CONTAMINATION

Eau	%	NEG	NEG	0.744	---
Particules >4µ		7644	19097	25429	---
Particules >6µ		1871	5310	9279	---
Particules >14µ		120	199	967	---
ISO 4406:1999 (c)		20/18/14	21/20/15	22/20/17	---
Silicium	ppm	3	<1	3	---
Sodium	ppm	2	<1	<1	---
Potassium	ppm	1	0	<1	---

#### Diagnostic

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.



#### MÉTAUX D'USURE

Fer	ppm	6	0	6	---
Cuivre	ppm	2	<1	1	---
Plomb	ppm	<1	0	<1	---
Étain	ppm	0	0	0	---
Aluminium	ppm	<1	0	<1	---
Chrome	ppm	<1	0	0	---
Molybdène	ppm	0	0	0	---
Nickel	ppm	<1	0	<1	---
Titane	ppm	0	0	0	---
Argent	ppm	0	<1	0	---
Manganèse	ppm	0	0	<1	---
Vanadium	ppm	0	0	0	---



#### ADDITIFS

Calcium	ppm	1104	100	1309	---
Magnésium	ppm	4	<1	4	---
Zinc	ppm	710	841	713	---
Phosphore	ppm	600	642	689	---
Baryum	ppm	0	<1	0	---
Bore	ppm	<1	<1	<1	---

Depot: COM847CON

Unique No: 5721262

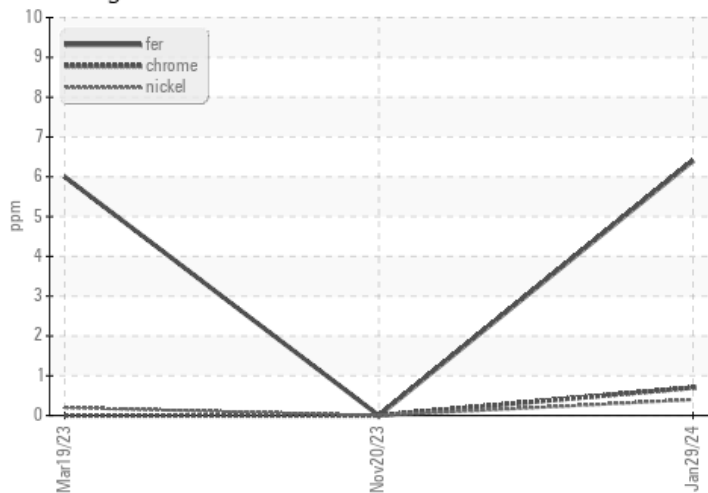
Signed: Wes Davis

Report Date: 31 Jan 2024

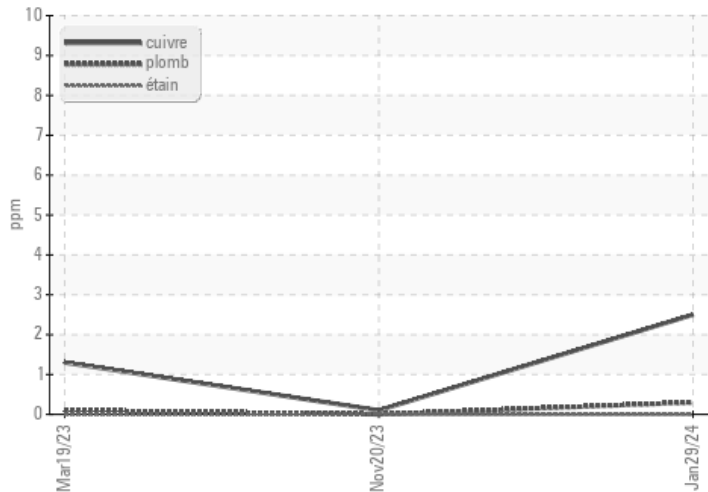


### GRAPHS

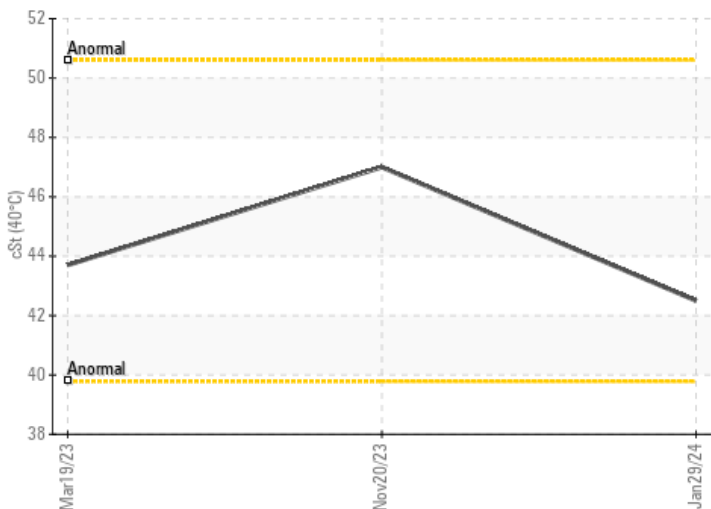
#### Alliages ferreux



#### Métaux non-ferreux



#### Viscosité 40°C



#### Comptage de particules

