

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH22M 142190-1250 - Hydraulic System

Sample No: LH0291305

Oil Type: {unknown}



#### Information sur l'échantillon

Numéro d'échant.	LH0291305	LH0285130	LH0278909	LH0257003
Date d'échant.	02 May 2024	29 Jan 2024	20 Nov 2023	19 Mar 2023
Heures de la Machine	2979	2241	1772	754
Heures de l'huile	0	0	0	0
Huile changée	Changed	Not Changd	Not Changd	Not Changd
Statut de l'échant.	NORMAL	NORMAL	ATTENTION	ABNORMAL

#### Combined Metals Industries

8470 Keele Street  
Concord, ON  
CA L4K 2S1  
Contact: Service Manager



#### État d'huile

Visc 40°C	cSt	42.2	42.5	47.0	43.7
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T:  
F:



#### Contamination

Eau	%	NEG	NEG	NEG	0.744
Particules >4µ		9226	7644	19097	25429
Particules >6µ		2392	1871	5310	9279
Particules >14µ		180	120	199	967
ISO 4406:1999 (c)		20/18/15	20/18/14	21/20/15	22/20/17
Silicium	ppm	2	3	<1	3
Sodium	ppm	2	2	<1	<1
Potassium	ppm	<1	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	6	0	6
Cuivre	ppm	3	2	<1	1
Plomb	ppm	0	<1	0	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	0	<1
Chrome	ppm	<1	<1	0	0
Molybdène	ppm	0	0	0	0
Nickel	ppm	0	<1	0	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	0	<1	0
Manganèse	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



#### Additifs

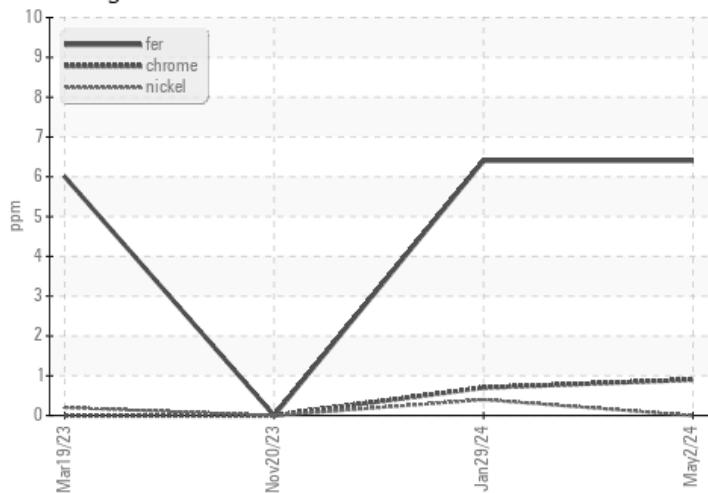
Calcium	ppm	1059	1104	100	1309
Magnésium	ppm	4	4	<1	4
Zinc	ppm	723	710	841	713
Phosphore	ppm	610	600	642	689
Baryum	ppm	0	0	<1	0
Bore	ppm	<1	<1	<1	<1

Depot: COM847CON  
Unique No: 5774331  
Signed: Wes Davis  
Report Date: 06 May 2024

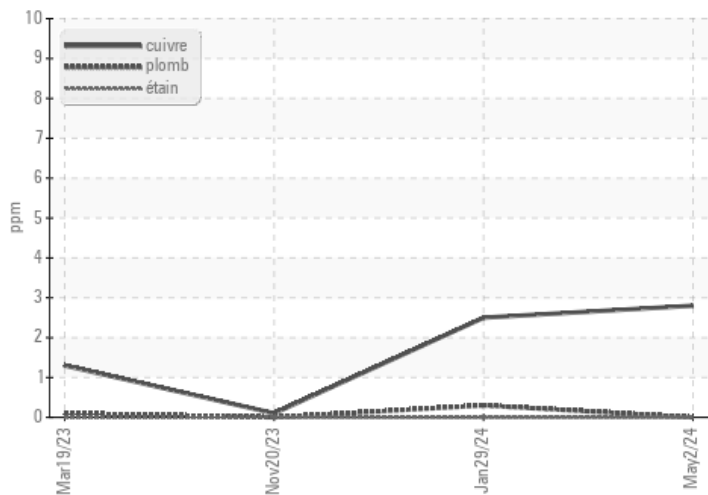


### Graphs

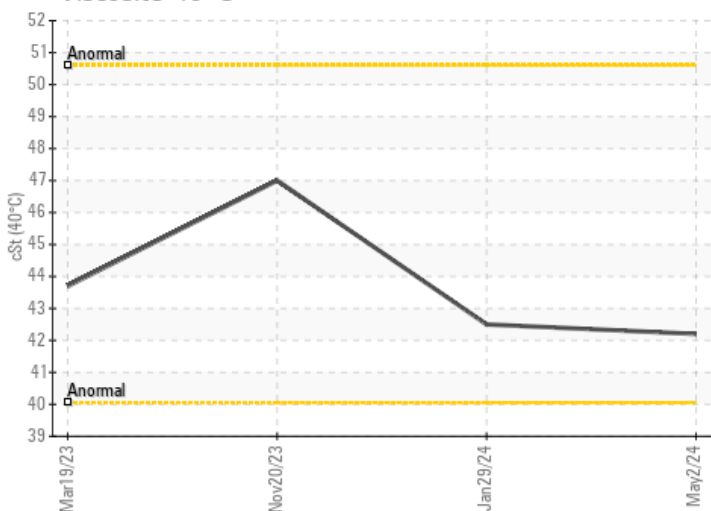
#### Alliages ferreux



#### Métaux non-ferreux



#### Viscosité 40°C



#### Comptage de particules

