

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH40C 117763-1527 - Hydraulic System

Sample No: LH0285110

Oil Type: {unknown}



#### INFORMATION SUR L'ÉCHANTILLON

Número d'échant.	LH0285110	LH0256611	LH0247435	LH0203169
Date d'échant.	08 Feb 2024	13 Apr 2023	16 Dec 2022	15 Jul 2022
Heures de la Machine	6604	5457	5012	4444
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Not Changd	Changed	Not Changd
Statut de l'échant.	NORMAL	ABNORMAL	ABNORMAL	ABNORMAL

**MOFFATT SCRAP IRON & METAL INC.**  
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#### ÉTAT D'HUILE

Visc 40°C	cSt	40.2	43.0	42.5	41.9
		●	●	●	●



#### CONTAMINATION

Eau	%	NEG	NEG	0.013	NEG
Particules >4µ		● 8021	● 6630	● 101423	● 3657
Particules >6µ		● 2355	● 1460	● 34542	● 852
Particules >14µ		● 181	● 82	● 1359	● 47
ISO 4406:1999 (c)		20/18/15	20/18/14	24/22/18	19/17/13
Silicium	ppm	● <1	● <1	● 1	● 1
Sodium	ppm	● <1	● <1	● <1	● 1
Potassium	ppm	● <1	● <1	● <1	● <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

PQ		---	---	---	0
Fer	ppm	● 25	● 27	● 46	● 57
Cuivre	ppm	● 1	● 2	● 3	● 3
Plomb	ppm	● <1	● <1	● 1	● <1
Étain	ppm	● 0	● 0	● 0	● 0
Aluminium	ppm	● <1	● 0	● <1	● <1
Chrome	ppm	● 1	● <1	● <1	● <1
Molybdène	ppm	● 0	● 0	● 0	● 0
Nickel	ppm	● <1	● 0	● 0	● 0
Titane	ppm	● 0	● 0	● <1	● <1
Argent	ppm	● 0	● 0	● 0	● 0
Manganèse	ppm	● 0	● <1	● <1	● 1
Vanadium	ppm	● 0	● 0	● 0	● 0



#### ADDITIFS

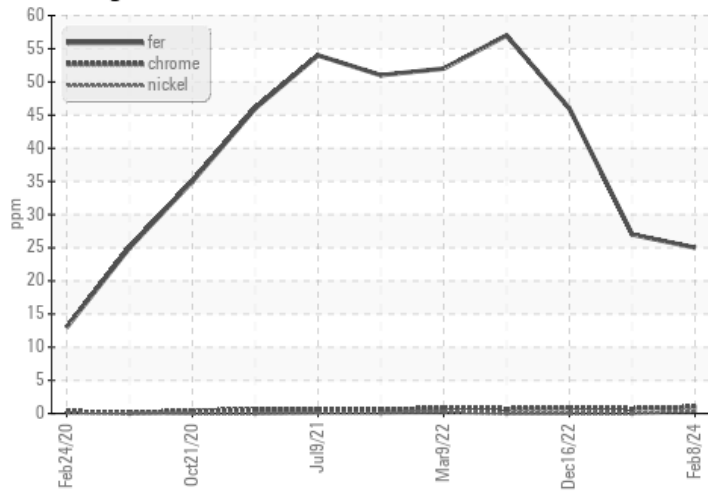
Calcium	ppm	179	● 226	360	521
Magnésium	ppm	● 14	● 11	13	6
Zinc	ppm	● 585	● 657	514	565
Phosphore	ppm	● 483	● 572	504	461
Baryum	ppm	● 0	● 0	0	0
Bore	ppm	● <1	● <1	0	● <1

Depot: MOFMOF  
 Unique No: 5723762  
 Signed: Wes Davis  
 Report Date: 12 Feb 2024

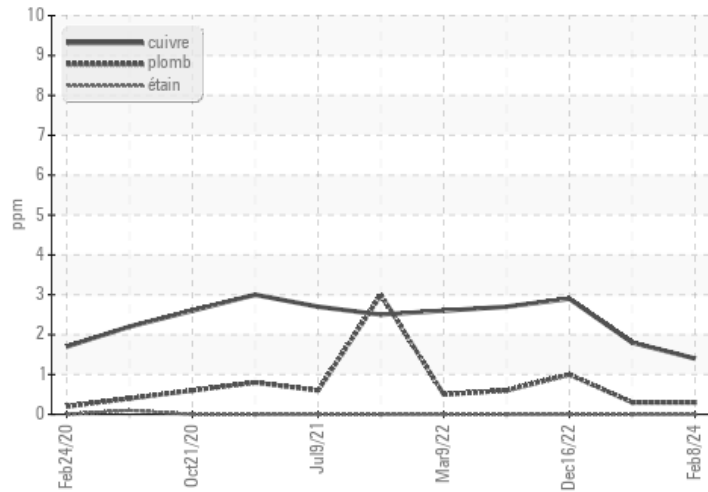


### GRAPHS

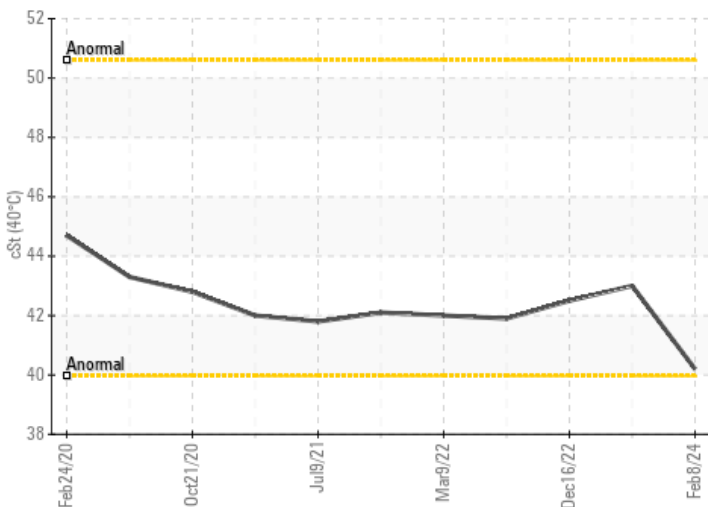
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

