



### LIEBHERR LH40M 146402-1215 - Hydraulic System

Sample No: LH0285164

Oil Type: {unknown}



**JOSEPH & COMPANY INC**  
257 VICTORIA ST N  
KITCHENER, ON  
CA N2H 5C9  
Contact: Service Manager

T:  
F:



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0285164	LH0266029	---	---
Date d'échant.	08 Feb 2024	27 Jul 2023	---	---
Heures de la Machine	981	5	---	---
Heures de l'huile	0	0	---	---
Huile changée	Not Changd	Not Changd	---	---
Statut de l'échant.	NORMAL	ABNORMAL	---	---



#### ÉTAT D'HUILE

Visc 40°C	cSt	● 44.1	● 45.0	---	---
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#### CONTAMINATION

Eau	%	NEG	NEG	---	---
Particules >4µ		● 9033	● 36226	---	---
Particules >6µ		● 792	● 8282	---	---
Particules >14µ		● 39	● 347	---	---
ISO 4406:1999 (c)		20/17/12	22/20/16	---	---
Silicium	ppm	● 4	● 4	---	---
Sodium	ppm	● 2	● 2	---	---
Potassium	ppm	● 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

Fer	ppm	● 13	● 9	---	---
Cuivre	ppm	● 2	● 2	---	---
Plomb	ppm	● <1	● <1	---	---
Étain	ppm	● 0	● 0	---	---
Aluminium	ppm	● 1	● <1	---	---
Chrome	ppm	● <1	● <1	---	---
Molybdène	ppm	0	0	---	---
Nickel	ppm	● <1	● 0	---	---
Titane	ppm	0	0	---	---
Argent	ppm	0	● 11	---	---
Manganèse	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIFS

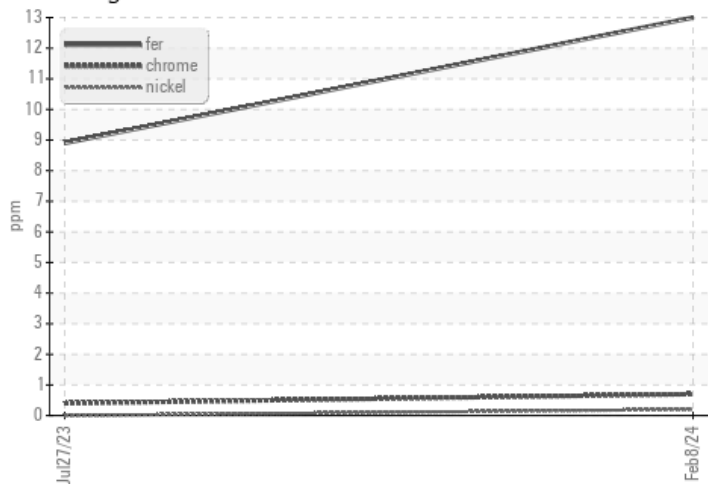
Calcium	ppm	1207	1301	---	---
Magnésium	ppm	6	4	---	---
Zinc	ppm	660	714	---	---
Phosphore	ppm	592	676	---	---
Baryum	ppm	0	0	---	---
Bore	ppm	1	<1	---	---

Depot: JOS257KIT  
Unique No: 5723735  
Signed: Wes Davis  
Report Date: 12 Feb 2024

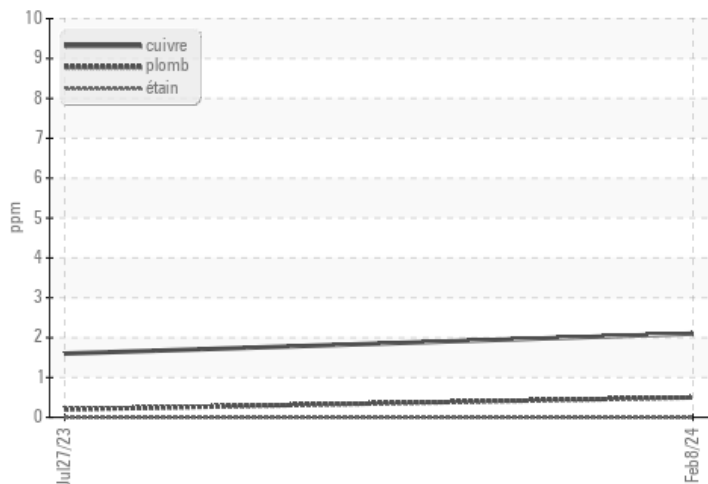


### GRAPHS

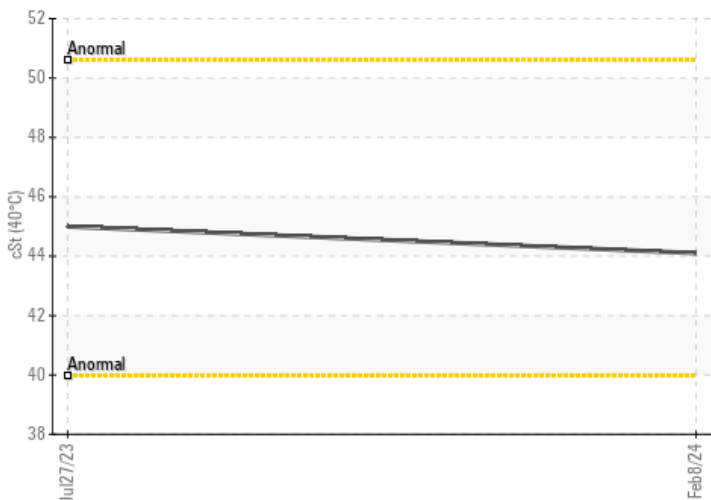
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

