

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 144842-1216 - Hydraulic System

Sample No: LH0270194

Oil Type: {unknown}



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270194	LH0274654	LH0256569	---
Date d'échant.	27 Feb 2024	23 Aug 2023	09 Mar 2023	---
Heures de la Machine	2406	1252	561	---
Heures de l'huile	0	0	0	---
Huile changée	Not Changd	Not Changd	Not Changd	---
Statut de l'échant.	NORMAL	NORMAL	NORMAL	---

**American Iron and Metal**  
140 DOWTY ROAD  
AJAX, ON  
CA L1S 1P7  
Contact: Service Manager



#### ÉTAT D'HUILE

Visc 40°C	cSt	41.9	42.4	43.5	---

T:  
F:



#### CONTAMINATION

Eau	%	NEG	NEG	NEG	---
Particules >4µ		1546	6660	10970	---
Particules >6µ		364	1401	1117	---
Particules >14µ		23	76	16	---
ISO 4406:1999 (c)		18/16/12	20/18/13	21/17/11	---
Silicium	ppm	4	4	3	---
Sodium	ppm	2	2	1	---
Potassium	ppm	2	<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	8	7	7	---
Cuivre	ppm	2	2	1	---
Plomb	ppm	<1	<1	<1	---
Étain	ppm	0	0	0	---
Aluminium	ppm	<1	<1	<1	---
Chrome	ppm	<1	<1	<1	---
Molybdène	ppm	0	<1	0	---
Nickel	ppm	0	<1	0	---
Titane	ppm	0	0	0	---
Argent	ppm	0	0	0	---
Manganèse	ppm	0	<1	<1	---
Vanadium	ppm	0	0	0	---



#### ADDITIFS

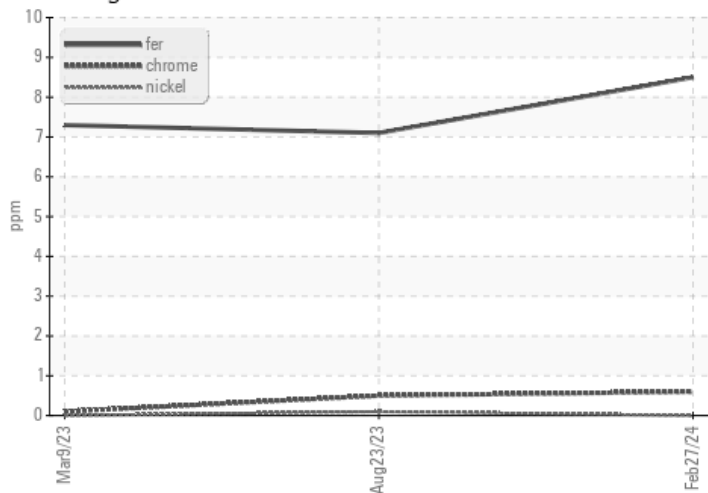
Calcium	ppm	1020	1079	1247	---
Magnésium	ppm	4	5	5	---
Zinc	ppm	647	684	680	---
Phosphore	ppm	577	633	666	---
Baryum	ppm	1	<1	0	---
Bore	ppm	<1	1	1	---

**Depot:** AME140AJA  
**Unique No:** 5735821  
**Signed:** Wes Davis  
**Report Date:** 29 Feb 2024

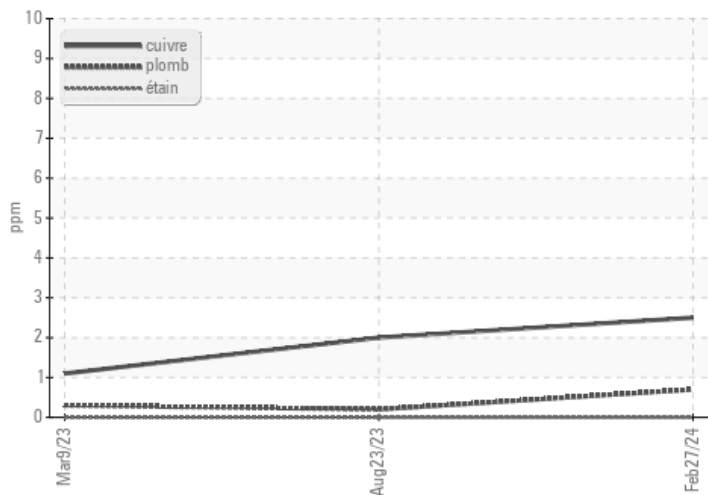


### GRAPHS

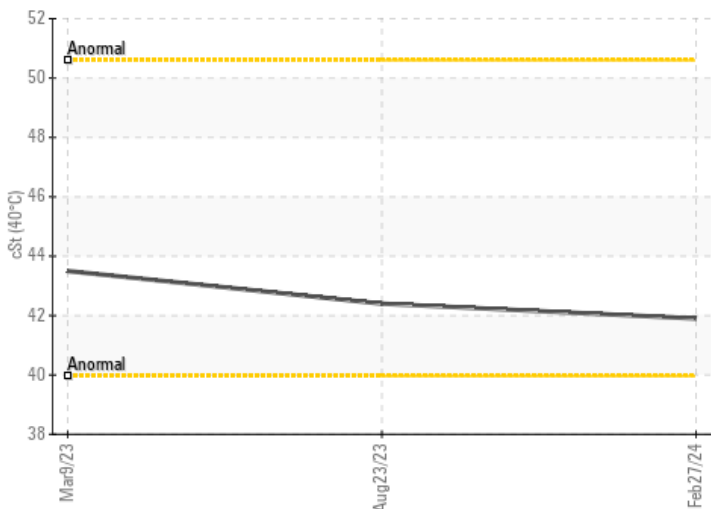
#### Alliages ferreux



#### Métaux non-ferreux



#### Viscosité 40°C



#### Comptage de particules

