

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 077508 - Hydraulic System

Sample No: LH0289770

Oil Type: {unknown}



**J.M. BASTILLE ACIER INC**  
396 RUE TEMISCOUATA., CP 744  
RIVIERE DU LOUP, QC  
CA G5R 3Z3  
Contact: MANAGER SERVICE

T: (418)862-3346  
F:



#### Information sur l'échantillon

Numéro d'échant.	LH0289770	---	---	---
Date d'échant.	01 May 2024	---	---	---
Heures de la Machine	16364	---	---	---
Heures de l'huile	0	---	---	---
Huile changée	N/A	---	---	---
Statut de l'échant.	SEVERE	---	---	---



#### État d'huile

Visc 40°C	cSt	38.5	---	---	---
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#### Contamination

Eau	%	NEG	---	---	---
Particules >4μ		135667	---	---	---
Particules >6μ		58718	---	---	---
Particules >14μ		5064	---	---	---
ISO 4406:1999 (c)		24/23/20	---	---	---
Silicium	ppm	1	---	---	---
Sodium	ppm	1	---	---	---
Potassium	ppm	<1	---	---	---



#### Métaux d'usure

Fer	ppm	30	---	---	---
Cuivre	ppm	3	---	---	---
Plomb	ppm	<1	---	---	---
Étain	ppm	0	---	---	---
Aluminium	ppm	<1	---	---	---
Chrome	ppm	2	---	---	---
Molybdène	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titane	ppm	0	---	---	---
Argent	ppm	<1	---	---	---
Manganèse	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



#### Additifs

Calcium	ppm	64	---	---	---
Magnésium	ppm	13	---	---	---
Zinc	ppm	653	---	---	---
Phosphore	ppm	539	---	---	---
Baryum	ppm	0	---	---	---
Bore	ppm	<1	---	---	---

#### Diagnostic

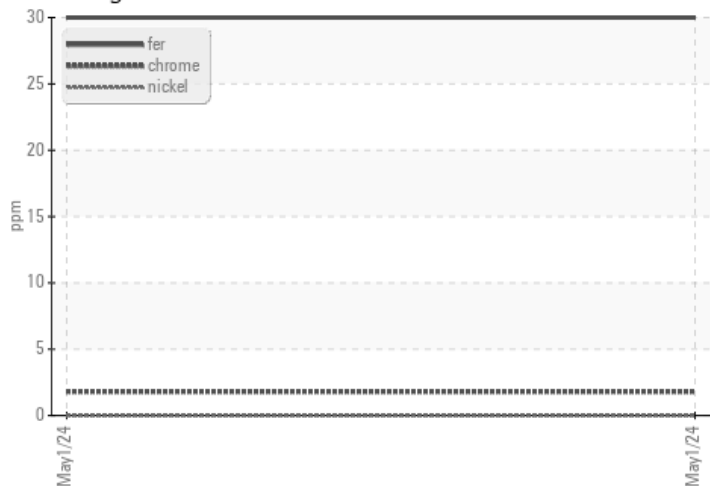
We advise that you check all areas where contaminants can enter the system. We advise that you follow the water drain-off procedure for this component. We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. Resample in 30-45 days to monitor this situation. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is a high amount of particulates (2 to 100 microns in size) present in the oil. Free water present. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

**Depot:** JMBRIV  
**Unique No:** 5776111  
**Signed:** Kevin Marson  
**Report Date:** 13 May 2024



### Graphs

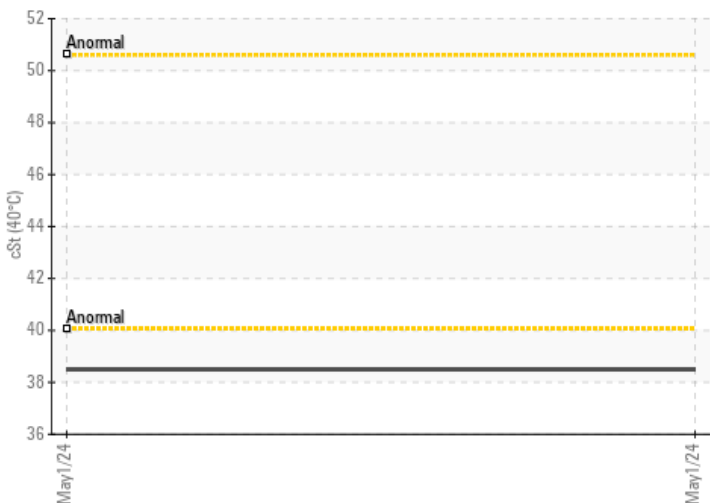
#### Alliages ferreux



#### Métaux non-ferreux



#### Viscosité 40°C



#### Comptage de particules

