

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [[MACHINE 3130]] LIEBHERR LH30M 153769-1253 - Hydraulic

Sample No: LH0278111

Oil Type: SAE 10W



**9262-1408 Quebec Inc.**  
13125 Rue Industrielle  
Sorel-Tracy, QC  
CA J3R 0E8  
Contact: Service Manager



#### Information sur l'échantillon

Numéro d'échant.		LH0278111	LH0278094	---	---
Date d'échant.		10 May 2024	27 Mar 2024	---	---
Heures de la Machine		3000	0	---	---
Heures de l'huile		0	0	---	---
Huile changée		Changed	Changed	---	---
Statut de l'échant.		SEVERE	NORMAL	---	---



#### État d'huile

Visc 40°C	cSt	39.5	38.0	---	---
Indice d'acidité	mg KOH/g	1.59	1.35	---	---



#### Contamination

Eau	%	NEG	NEG	---	---
Particules >4µ		166003	1094	---	---
Particules >6µ		105665	173	---	---
Particules >14µ		2006	21	---	---
ISO 4406:1999 (c)		25/24/18	17/15/12	---	---
Silicium	ppm	12	9	---	---
Sodium	ppm	3	3	---	---
Potassium	ppm	<1	<1	---	---



#### Métaux d'usure

PQ		33	---	---	---
Fer	ppm	106	2	---	---
Cuivre	ppm	7	<1	---	---
Plomb	ppm	0	0	---	---
Étain	ppm	0	0	---	---
Aluminium	ppm	2	1	---	---
Chrome	ppm	5	0	---	---
Molybdène	ppm	0	0	---	---
Nickel	ppm	0	0	---	---
Titane	ppm	2	0	---	---
Argent	ppm	0	0	---	---
Manganèse	ppm	<1	0	---	---
Vanadium	ppm	0	0	---	---



#### Additifs

Calcium	ppm	3496	3789	---	---
Magnésium	ppm	17	15	---	---
Zinc	ppm	1059	1084	---	---
Phosphore	ppm	886	909	---	---
Baryum	ppm	0	0	---	---
Bore	ppm	2	2	---	---

T:  
F:

#### Diagnostic

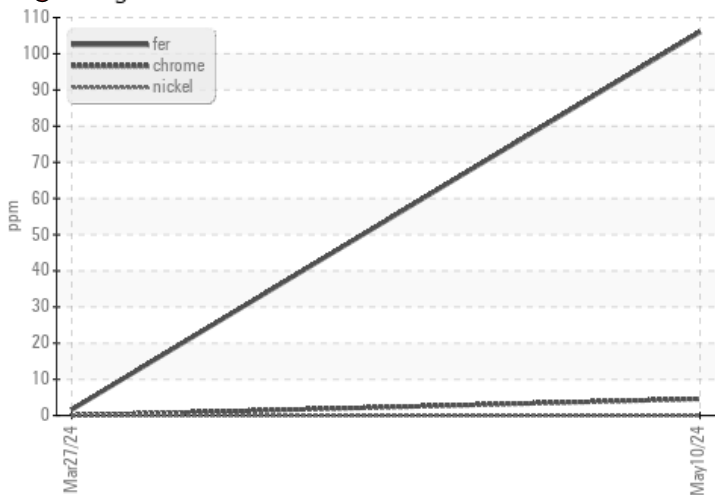
Check seals and/or filters for points of contaminant entry. The oil change at the time of sampling has been noted. The air breather requires service. If unrated, we recommend that you replace with a suitable micron rated and/or desiccant air breather. If rated, we recommend that you service/replace the breather. We recommend you service the filters on this component. Resample in 30-45 days to monitor this situation. Iron ppm levels are severe. Aluminum and chromium ppm levels are marginal. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. There is a high amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: 926SOR  
Unique No: 5785850  
Signed: Kevin Marson  
Report Date: 22 May 2024

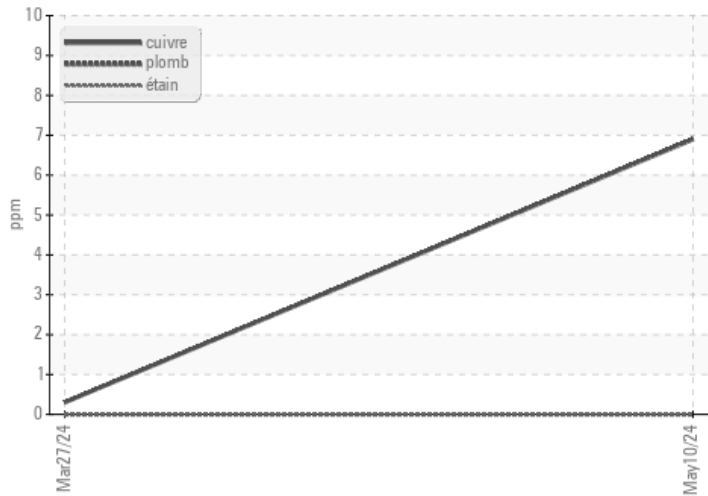


### Graphs

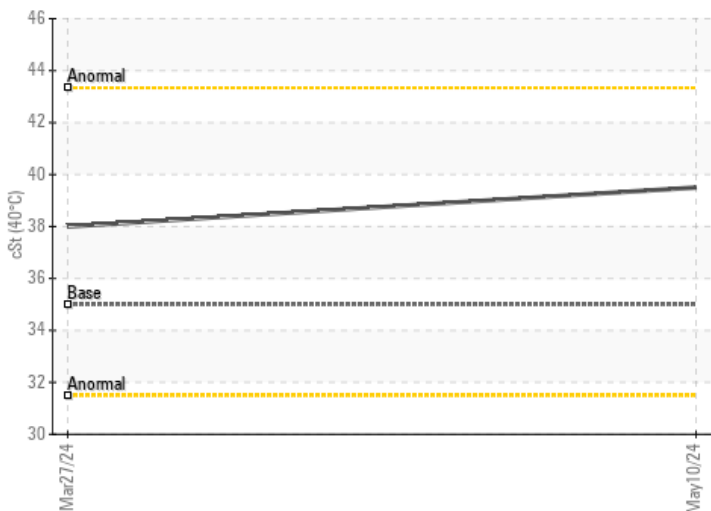
#### ● Alliages ferreux



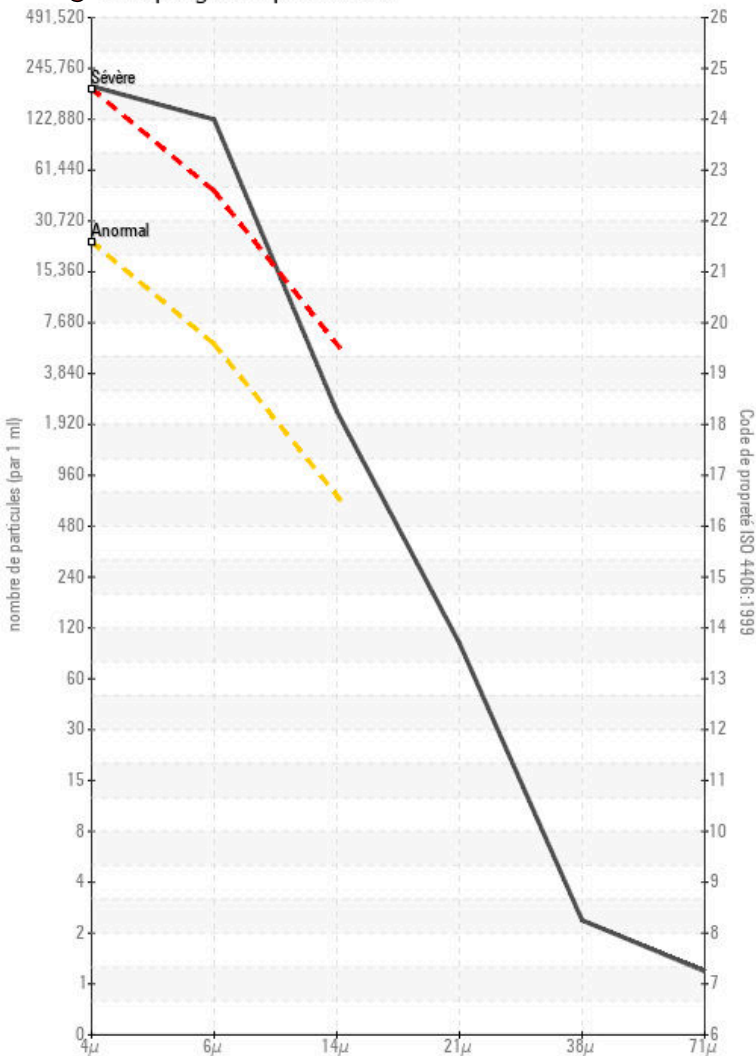
#### Métaux non-ferreux



#### Viscosité 40°C



#### ● Comptage de particules



#### Indice d'acidité

