

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH30M 112545-1253 - Hydraulic System

Sample No: LH0270118

Oil Type: NOT GIVEN

#### GREEN METALS CANADA

224 BEARDS LANE

WOODSTOCK, ON

CA N4S 7W3

Contact: Jamie Depotie

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T: (519)539-1313

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#### Diagnostic

We advise that you check for visible metal particles in the oil. We recommend an early resample to monitor this condition. Please specify the brand, type, and viscosity of the oil on your next sample. Light concentration of visible metal present. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The oil is no longer serviceable as a result of the abnormal and/or severe wear.



## INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.		<b>LH0270118</b>	LH0261587	LH0251783	LH0247426
Date d'échant.		<b>27 Sep 2023</b>	08 May 2023	10 Mar 2023	13 Dec 2022
Heures de la Machine		<b>1297</b>	11758	11210	10473
Heures de l'huile		<b>0</b>	0	0	0
Huile changée		<b>Not Changd</b>	Not Changd	Not Changd	Changed
Statut de l'échant.		<b>MARGINAL</b>	NORMAL	NORMAL	NORMAL



## ÉTAT D'HUILE

Visc 40°C	cSt	<b>41.2</b>	● 42.0	● 42.5	● 41.1
Visc 100°C	cSt	<b>7.7</b>	---	---	---
Indice de viscosité (VI)	Scale	<b>158</b>	---	---	---



## CONTAMINATION

Particules >4μ		● <b>3642</b>	● 4571	● 4933	● 1817
Particules >6μ		● <b>889</b>	● 1046	● 1518	● 542
Particules >14μ		● <b>43</b>	● 44	● 128	● 24
ISO 4406:1999 (c)		<b>19/17/13</b>	19/17/13	19/18/14	18/16/12
Silicium	ppm	● <b>&lt;1</b>	● <1	● <1	● <1
Sodium	ppm	● <b>2</b>	● 2	● 2	● 2
Potassium	ppm	● <b>0</b>	● 0	● <1	● <1



## MÉTAUX D'USURE

Fer	ppm	● <b>20</b>	● 14	● 12	● 17
Cuivre	ppm	● <b>6</b>	● 5	● 4	● 7
Plomb	ppm	● <b>&lt;1</b>	● <1	● <1	● <1
Étain	ppm	● <b>0</b>	● <1	● 0	● 0
Aluminium	ppm	● <b>0</b>	● <1	● <1	● <1
Chrome	ppm	● <b>&lt;1</b>	● <1	● 0	● <1
Molybdène	ppm	<b>0</b>	0	0	0
Nickel	ppm	● <b>&lt;1</b>	● 0	● <1	● <1
Titane	ppm	<b>0</b>	0	0	0
Argent	ppm	<b>&lt;1</b>	0	0	0
Manganèse	ppm	<b>0</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	0	0	0



## ADDITIFS

Calcium	ppm	<b>310</b>	316	318	475
Magnésium	ppm	<b>3</b>	2	3	4
Zinc	ppm	<b>799</b>	776	787	738
Phosphore	ppm	<b>627</b>	663	693	646
Baryum	ppm	<b>&lt;1</b>	0	0	0
Bore	ppm	<b>&lt;1</b>	<1	<1	<1

Depot: GRE224WOO  
 Unique No: 5654955  
 Signed: Kevin Marson  
 Report Date: 03 Oct 2023

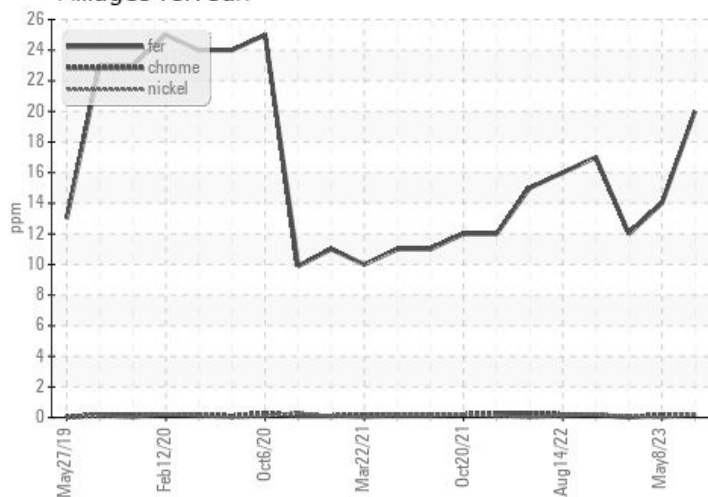
# LIEBHERR

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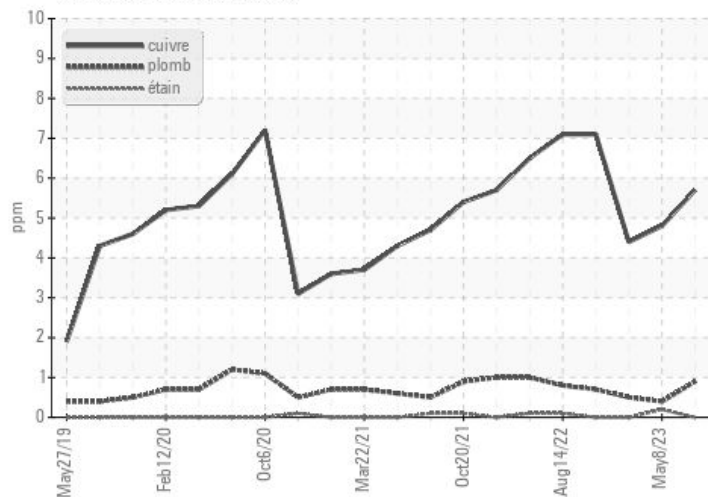


### GRAPHS

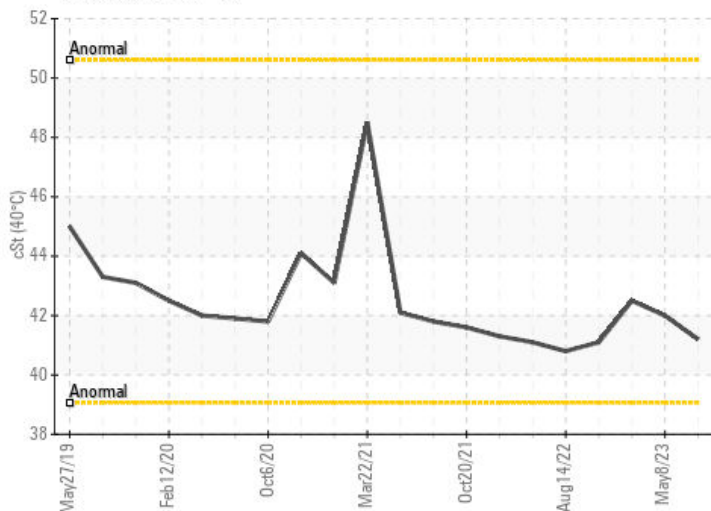
#### Alliages ferreux



#### Métaux non-ferreux



#### Viscosité 40°C



Particle Filter (Magn: 100 x)

