

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L550 040969-1287 - Hydraulic System

Sample No: LH0289345

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



#### Information sur l'échantillon

Numéro d'échant.	LH0289345	LH0257438	LH0239417	LH
Date d'échant.	27 May 2024	29 Aug 2023	14 Mar 2023	12 Jan 2023
Heures de la Machine	21827	20270	19072	18588
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Not Changd	Not Changd	Not Changd
Statut de l'échant.	ABNORMAL	NORMAL	NORMAL	NORMAL

**CMI - COMBINED METAL INDUSTRIES**  
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 NORTH YORK, ON  
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#### État d'huile

Visc 40°C	cSt	43.5	43.4	43.5	43.4



#### Contamination

Eau	%	NEG	NEG	NEG	NEG
Particules >4µ		47892	5972	9474	11603
Particules >6µ		12296	1633	2200	3129
Particules >14µ		315	141	131	139
ISO 4406:1999 (c)		23/21/15	20/18/14	20/18/14	21/19/14
Silicium	ppm	0	1	<1	<1
Sodium	ppm	2	1	<1	1
Potassium	ppm	<1	<1	<1	0

#### Diagnostic

We recommend you service the filters on this component. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate amount of silt (particulates < 14 microns in size) present in the oil. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.



#### Métaux d'usure

Fer	ppm	7	7	6	6
Cuivre	ppm	2	3	2	2
Plomb	ppm	<1	1	<1	1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	5	5	5	4
Molybdène	ppm	0	<1	0	0
Nickel	ppm	<1	0	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	<1
Manganèse	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



#### Additifs

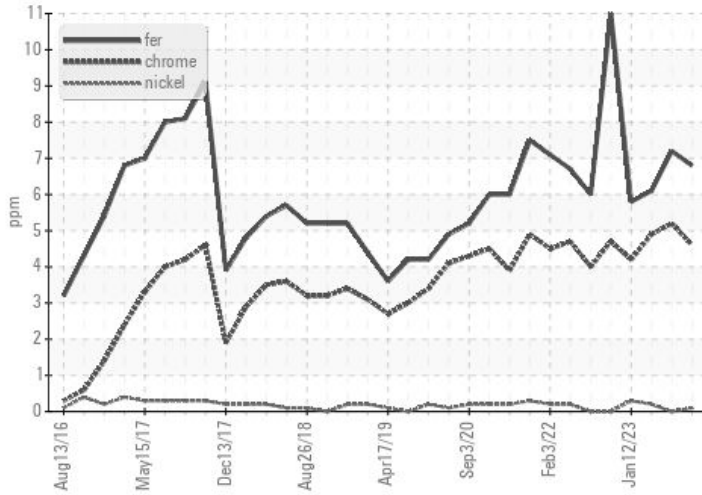
Calcium	ppm	131	144	152	154
Magnésium	ppm	4	4	3	3
Zinc	ppm	791	814	779	799
Phosphore	ppm	627	660	676	674
Baryum	ppm	0	0	0	0
Bore	ppm	<1	<1	<1	<1

Depot: COMWES  
 Unique No: 5787277  
 Signed: Wes Davis  
 Report Date: 30 May 2024

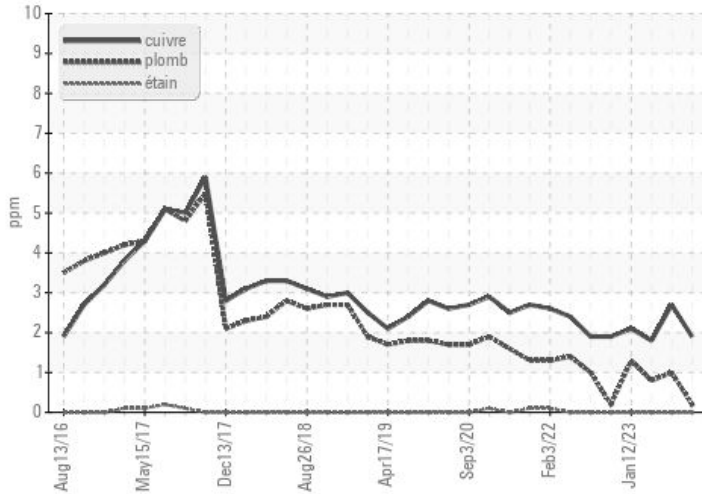


### Graphs

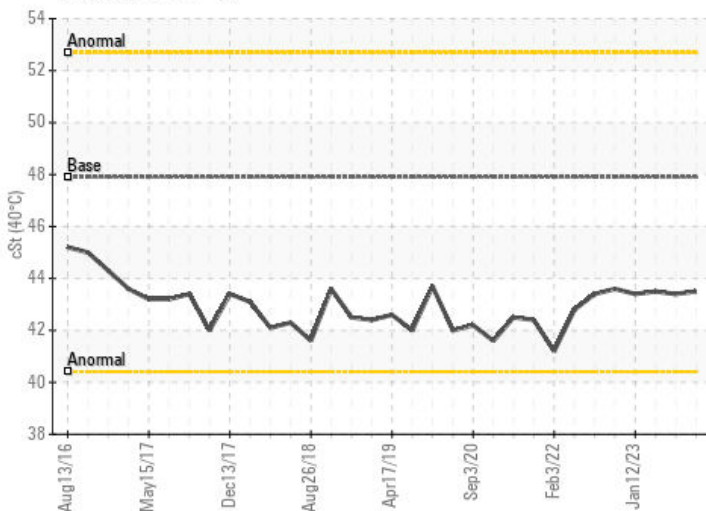
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

