

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR LH50M 124550-1216 - Hydraulic System

Sample No: LH0270580

Oil Type: LIEBHERR HYDRAULIC HVI



COMBINED METAL INDUSTRIES-PUBLIC YARD  
129 FENMAR DR  
TORONTO, ON  
CA M9L 1M7  
Contact: Greg Sacher  
gsacher@combinedmetal.com  
T: (416)642-7262  
F: x:



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270580	LH0265845	LH0256664	LH0251639
Date d'échant.	01 Aug 2023	11 Jun 2023	11 Apr 2023	08 Feb 2023
Heures de la Machine	11935	11340	10794	10128
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Not Changd	Not Changd	Not Changd
Statut de l'échant.	NORMAL	NORMAL	ABNORMAL	NORMAL



#### ÉTAT D'HUILE

Visc 40°C	cSt	41.3	41.2	41.3	40.9



#### CONTAMINATION

Particules >4µ		1428	7244	67913	15972
Particules >6µ		413	1542	17603	3508
Particules >14µ		35	66	639	74
ISO 4406:1999 (c)		18/16/12	20/18/13	23/21/16	21/19/13
Silicium	ppm	2	1	1	1
Sodium	ppm	1	<1	<1	1
Potassium	ppm	<1	<1	<1	<1



#### MÉTAUX D'USURE

Fer	ppm	27	32	32	37
Cuivre	ppm	2	2	2	3
Plomb	ppm	<1	<1	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	2	2	2	2
Molybdène	ppm	<1	0	<1	<1
Nickel	ppm	<1	0	<1	0
Titane	ppm	0	0	0	<1
Argent	ppm	0	0	0	0
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

Calcium	ppm	172	211	222	262
Magnésium	ppm	4	5	6	7
Zinc	ppm	755	768	787	794
Phosphore	ppm	625	668	677	688
Baryum	ppm	0	0	0	0
Bore	ppm	<1	<1	<1	<1

#### Diagnostic

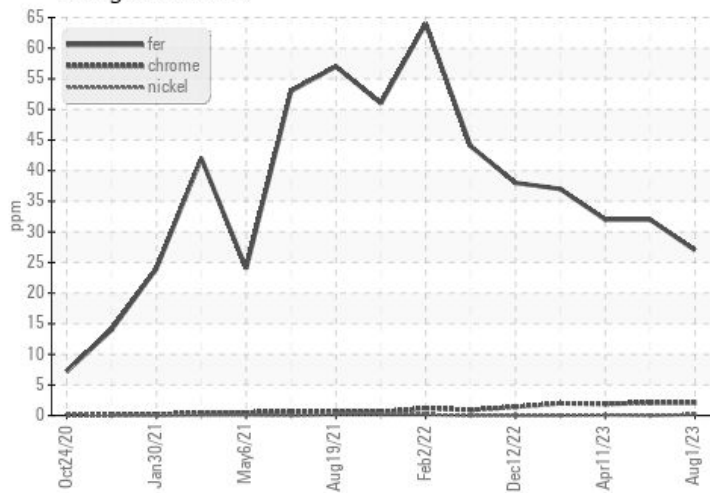
Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.

Depot: COMTOR  
Unique No: 5619107  
Signed: Kevin Marson  
Report Date: 04 Aug 2023

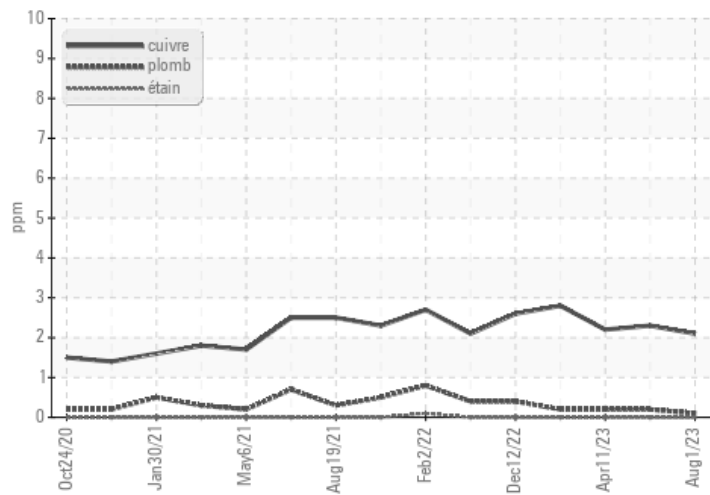


### GRAPHS

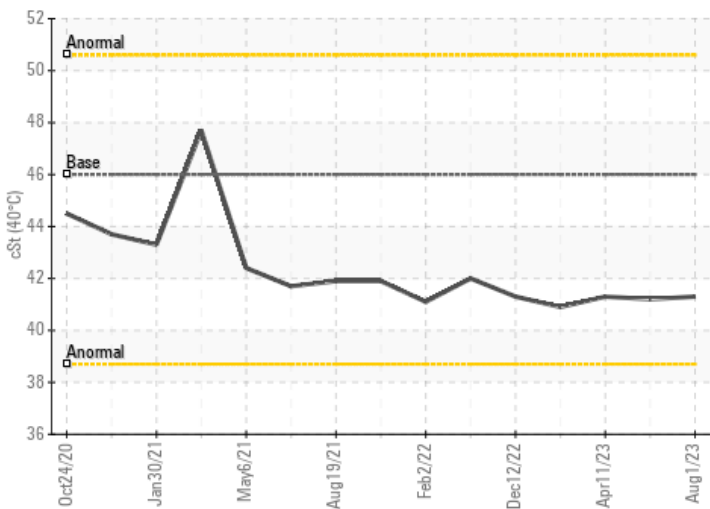
#### Alliages ferreux



#### Métaux non-ferreux



#### Viscosité 40°C



#### Comptage de particules

