

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(365442)] 136520-1215 - Hydraulic System

Sample No: LH0274673

Oil Type: LIEBHERR HYDRAULIC HVI



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0274673	LH0261317	LH0224563	LH0230824
Date d'échant.	10 Aug 2023	03 May 2023	14 Nov 2022	08 Jun 2022
Heures de la Machine	2050	1590	4575	522
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	N/A	Not Changd	N/A
Statut de l'échant.	NORMAL	NORMAL	NORMAL	ATTENTION

**American Iron and Metal**  
706 Lorne Avenue E  
Stratford, ON  
CA N5A 6S5  
Contact: Service Manager



#### ÉTAT D'HUILE

Visc 40°C	cSt	42.0	43.5	44.8	45.5

T:  
F:



#### CONTAMINATION

Particules >4µ		3579	1054	1466	37291
Particules >6µ		710	311	308	5453
Particules >14µ		38	22	14	362
ISO 4406:1999 (c)		19/17/12	17/15/12	18/15/11	22/20/16
Silicium	ppm	4	4	3	3
Sodium	ppm	2	2	2	1
Potassium	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.



#### MÉTAUX D'USURE

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



#### ADDITIFS

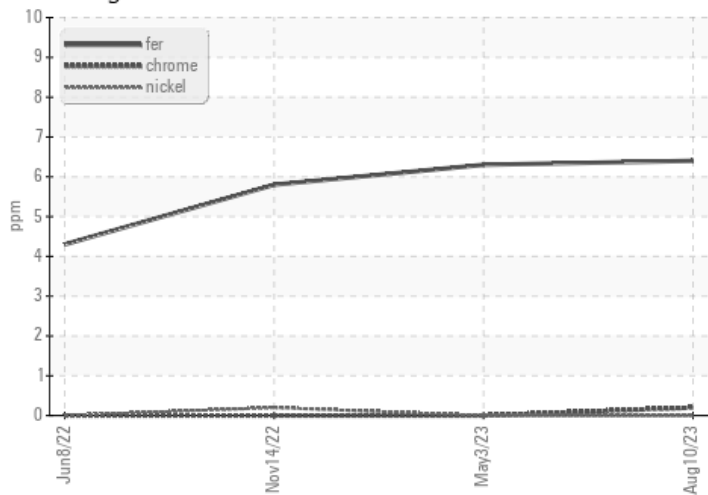
Calcium	ppm	1222	1393	1387	1319
Magnésium	ppm	4	4	4	4
Zinc	ppm	692	692	687	697
Phosphore	ppm	628	674	658	669
Baryum	ppm	0	0	0	0
Bore	ppm	<1	<1	<1	<1

Depot: AIMSTR  
Unique No: 5620773  
Signed: Wes Davis  
Report Date: 15 Aug 2023

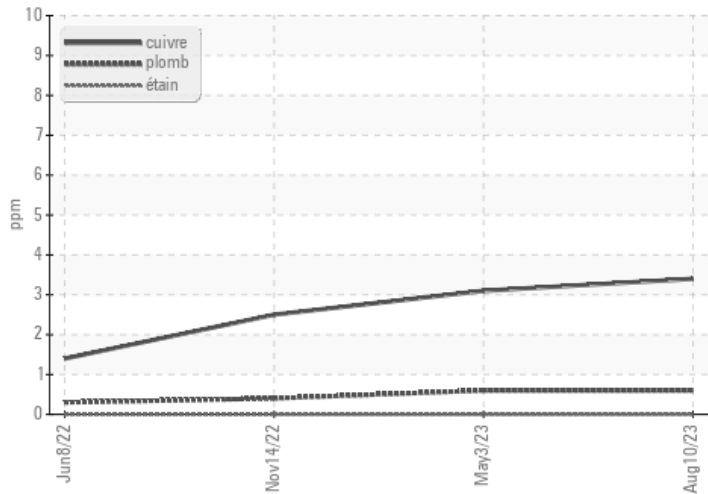


### GRAPHS

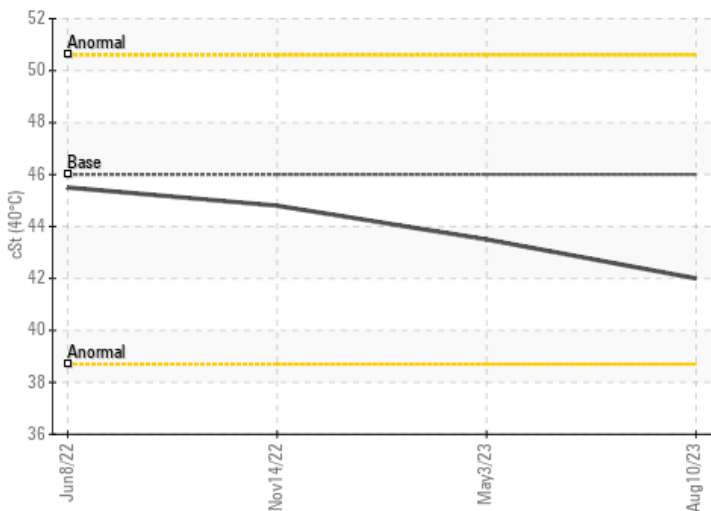
#### Alliages ferreux



#### Métaux non-ferreux



#### Viscosité 40°C



#### Comptage de particules

