



### [(363344)] LIEBHERR LH40C 135581-1527 - Hydraulic System

Sample No: LH0270110

Oil Type: NOT GIVEN



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270110	LH0265823	LH0256853	LH0251904
Date d'échant.	25 Sep 2023	27 Jun 2023	05 Apr 2023	12 Jan 2023
Heures de la Machine	4405	3831	3230	2648
Heures de l'huile	0	0	0	0
Huile changée	N/A	Not Changd	Not Changd	Not Changd
Statut de l'échant.	NORMAL	NORMAL	NORMAL	NORMAL

**CANADA IRON AND METAL CO. LTD.**  
 3534 DUNDAS STREET WEST  
 TORONTO, ON  
 CA M6S 2S1  
 Contact: Joshua Kiminisky  
 josh@canadairon.com  
 T:  
 F: (416)762-1808



#### ÉTAT D'HUILE

Visc 40°C	cSt	39.7	40.4	40.9	42.4



#### CONTAMINATION

Particules >4µ		959	1710	354	1280
Particules >6µ		280	499	90	453
Particules >14µ		28	46	5	69
ISO 4406:1999 (c)		17/15/12	18/16/13	16/14/10	17/16/13
Silicium	ppm	3	3	3	3
Sodium	ppm	2	2	1	2
Potassium	ppm	<1	<1	0	<1

#### Diagnostic

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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	36	21	14	15
Cuivre	ppm	4	3	2	2
Plomb	ppm	<1	<1	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	<1	<1	0	0
Molybdène	ppm	0	0	0	0
Nickel	ppm	<1	0	0	0
Titane	ppm	0	0	0	0
Argent	ppm	<1	<1	0	0
Manganèse	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIFS

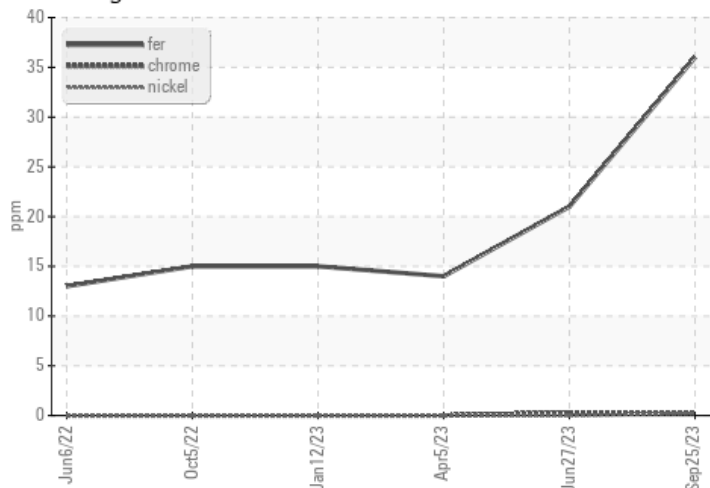
Calcium	ppm	821	830	940	1054
Magnésium	ppm	2	3	2	3
Zinc	ppm	592	586	592	619
Phosphore	ppm	500	532	564	576
Baryum	ppm	<1	0	0	0
Bore	ppm	2	2	<1	<1

Depot: CAN353TOR  
 Unique No: 5646325  
 Signed: Wes Davis  
 Report Date: 27 Sep 2023

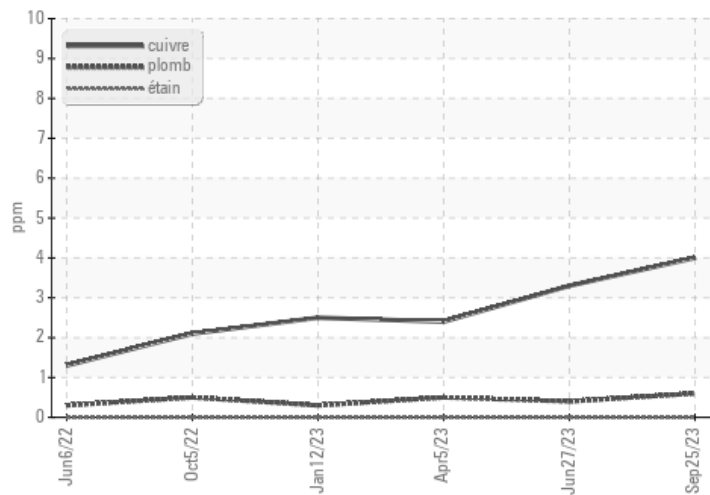


### GRAPHS

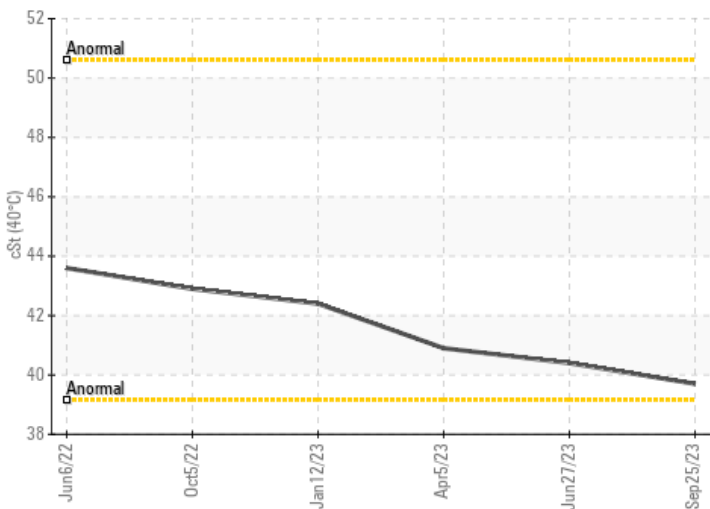
#### Alliages ferreux



#### Métaux non-ferreux



#### Viscosité 40°C



#### Comptage de particules

