

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0278732

Oil Type: {unknown}



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0278732	LH0277660	LH0270110	LH0265823
Date d'échant.	15 Feb 2024	07 Dec 2023	25 Sep 2023	27 Jun 2023
Heures de la Machine	5458	4925	4405	3831
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Changed	N/A	Not Changd
Statut de l'échant.	NORMAL	ABNORMAL	NORMAL	NORMAL

CANADA IRON AND METAL CO. LTD.
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 TORONTO, ON
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ÉTAT D'HUILE

Visc 40°C	cSt	41.2	39.4	39.7	40.4



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Particules >4µ		2496	63278	959	1710
Particules >6µ		662	22230	280	499
Particules >14µ		44	1566	28	46
ISO 4406:1999 (c)		18/17/13	23/22/18	17/15/12	18/16/13
Silicium	ppm	2	4	3	3
Sodium	ppm	1	2	2	2
Potassium	ppm	<1	<1	<1	<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	28	42	36	21
Cuivre	ppm	3	5	4	3
Plomb	ppm	<1	1	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	0	0	0	0
Nickel	ppm	0	<1	<1	0
Titane	ppm	0	0	0	0
Argent	ppm	<1	<1	<1	<1
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

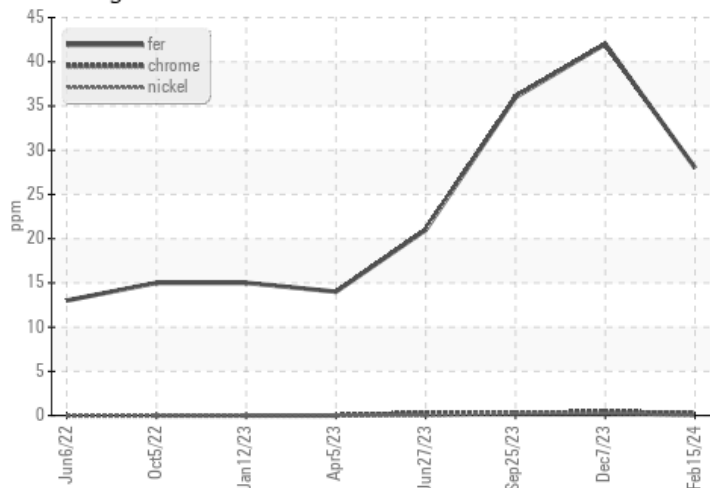
Calcium	ppm	519	804	821	830
Magnésium	ppm	2	2	2	3
Zinc	ppm	664	589	592	586
Phosphore	ppm	552	469	500	532
Baryum	ppm	0	<1	<1	0
Bore	ppm	<1	<1	2	2

Depot: CAN353TOR
 Unique No: 5733403
 Signed: Wes Davis
 Report Date: 20 Feb 2024

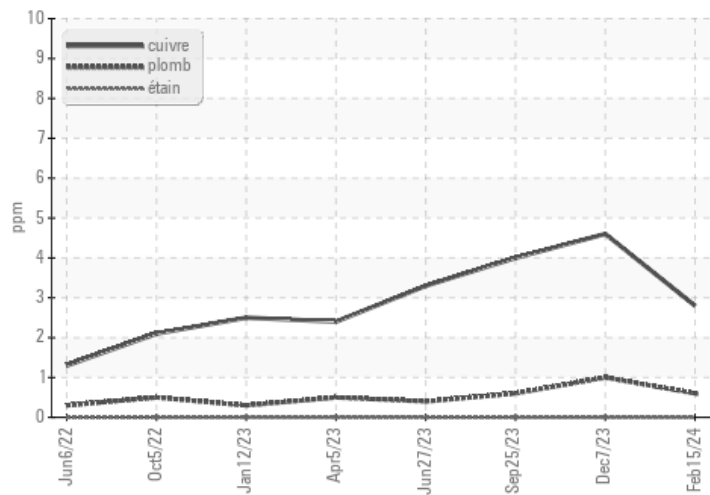


GRAPHS

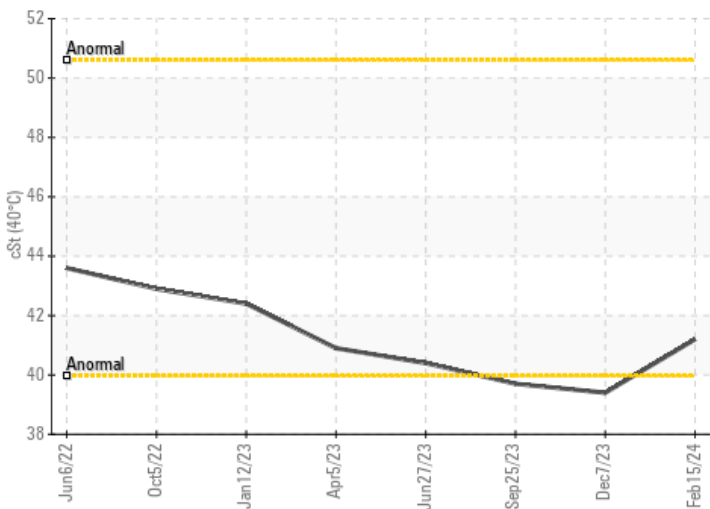
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

