

LIEBHERR

CONSTRUCTION EQUIPMENT



[(340260)] LIEBHERR LH40C 127925-1527 - Hydraulic System

Sample No: LH0285113

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0285113	LH0277655	LH0270149	LH0251574
Date d'échant.	15 Feb 2024	07 Dec 2023	27 Sep 2023	05 Apr 2023
Heures de la Machine	7504	7010	6592	5459
Heures de l'huile	0	0	0	0
Huile changée	N/A	Not Changd	Not Changd	Changed
Statut de l'échant.	ABNORMAL	ABNORMAL	ABNORMAL	ABNORMAL

CANADA IRON AND METAL CO. LTD.
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 TORONTO, ON
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 T:
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ÉTAT D'HUILE

Visc 40°C	cSt	40.5	40.0	40.0	40.7
		●	●	●	●



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Particules >4µ		● 19342	● 27798	● 5671	● 5088
Particules >6µ		● 5216	● 7837	● 1470	● 1048
Particules >14µ		● 275	● 362	● 97	● 44
ISO 4406:1999 (c)		21/20/15	22/20/16	20/18/14	20/17/13
Silicium	ppm	● 1	● 2	● 2	● 2
Sodium	ppm	● 2	● 2	● 3	● 3
Potassium	ppm	● <1	● 0	● <1	● <1



MÉTAUX D'USURE

PQ		● 5	● 7	● 3	● 3
Fer	ppm	● 92	● 96	● 91	● 85
Cuivre	ppm	● 3	● 4	● 4	● 6
Plomb	ppm	● <1	● <1	● <1	● 1
Étain	ppm	● 0	● 0	● 0	● <1
Aluminium	ppm	● <1	● <1	● <1	● <1
Chrome	ppm	● <1	● <1	● <1	● <1
Molybdène	ppm	● 0	● 0	● 0	● 0
Nickel	ppm	● <1	● <1	● <1	● 0
Titane	ppm	● 0	● 0	● 0	● 0
Argent	ppm	● 0	● <1	● 0	● 0
Manganèse	ppm	● <1	● 1	● <1	● 2
Vanadium	ppm	● 0	● 0	● 0	● <1



ADDITIFS

Calcium	ppm	● 699	● 771	● 837	● 1291
Magnésium	ppm	● 3	● 2	● 3	● 4
Zinc	ppm	● 670	● 660	● 695	● 654
Phosphore	ppm	● 553	● 521	● 570	● 601
Baryum	ppm	● 0	● <1	● <1	● 0
Bore	ppm	● <1	● <1	● <1	● <1

Diagnostic

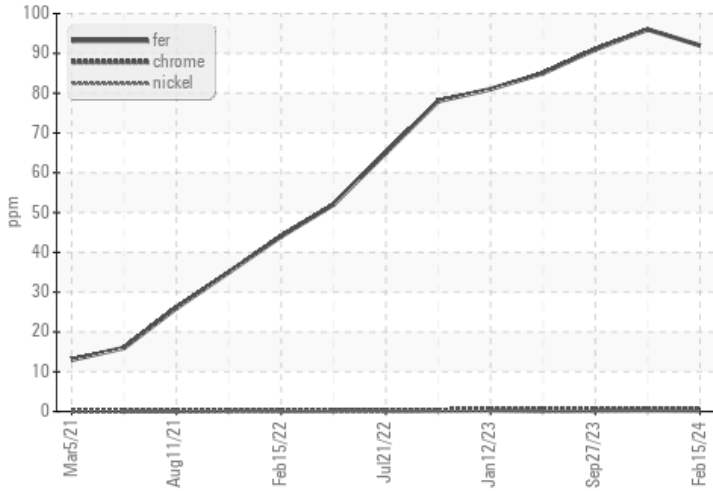
We recommend that you drain the oil from the component if this has not already been done. We recommend you service the filters on this component. We recommend an early resample to monitor this condition. Iron ppm levels are abnormal. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: CAN353TOR
 Unique No: 5733404
 Signed: Kevin Marson
 Report Date: 21 Feb 2024

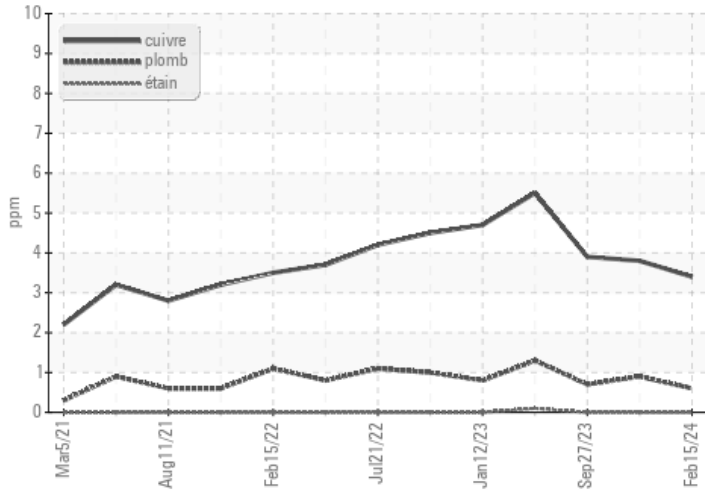


GRAPHS

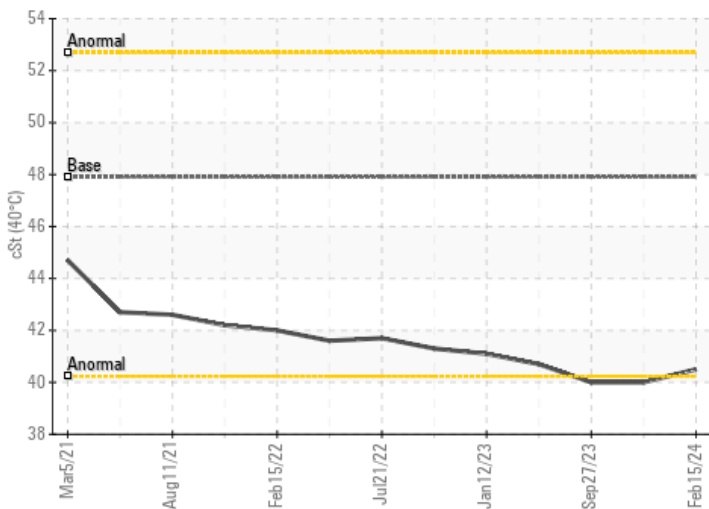
● Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



● Comptage de particules

