

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0270149

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270149	LH0251574	LH0251903	LH0242653
Date d'échant.	27 Sep 2023	05 Apr 2023	12 Jan 2023	05 Oct 2022
Heures de la Machine	6592	5459	4907	4272
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Changed	Not Changd	Not Changd
Statut de l'échant.	ABNORMAL	ABNORMAL	ABNORMAL	ABNORMAL

CANADA IRON AND METAL CO. LTD.
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 TORONTO, ON
 CA M6S 2S1
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 T:
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ÉTAT D'HUILE

Visc 40°C	cSt	40.0	40.7	41.1	41.3
		●	●	●	●



CONTAMINATION

Particules >4µ		● 5671	● 5088	● 5833	● 1957
Particules >6µ		● 1470	● 1048	● 1594	● 384
Particules >14µ		● 97	● 44	● 146	● 9
ISO 4406:1999 (c)		20/18/14	20/17/13	20/18/14	18/16/10
Silicium	ppm	● 2	● 2	● 2	● 2
Sodium	ppm	● 3	● 3	● 3	● 3
Potassium	ppm	● <1	● <1	● <1	● 1



MÉTAUX D'USURE

PQ		● 3	● 3	● 1	● 0
Fer	ppm	● 91	● 85	● 81	● 78
Cuivre	ppm	● 4	● 6	● 5	● 4
Plomb	ppm	● <1	● 1	● <1	● 1
Étain	ppm	● 0	● <1	● 0	● 0
Aluminium	ppm	● <1	● <1	● <1	● <1
Chrome	ppm	● <1	● <1	● <1	● <1
Molybdène	ppm	● 0	● 0	● 0	● 0
Nickel	ppm	● <1	● 0	● <1	● <1
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	0
Manganèse	ppm	● <1	● 2	● 1	● 1
Vanadium	ppm	0	<1	0	0



ADDITIFS

Calcium	ppm	837	1291	1292	1304
Magnésium	ppm	● 3	● 4	● 4	● 4
Zinc	ppm	● 695	● 654	● 655	● 663
Phosphore	ppm	● 570	● 601	● 613	● 616
Baryum	ppm	● <1	● 0	● 0	● 0
Bore	ppm	● <1	● <1	● <1	● <1

Diagnostic

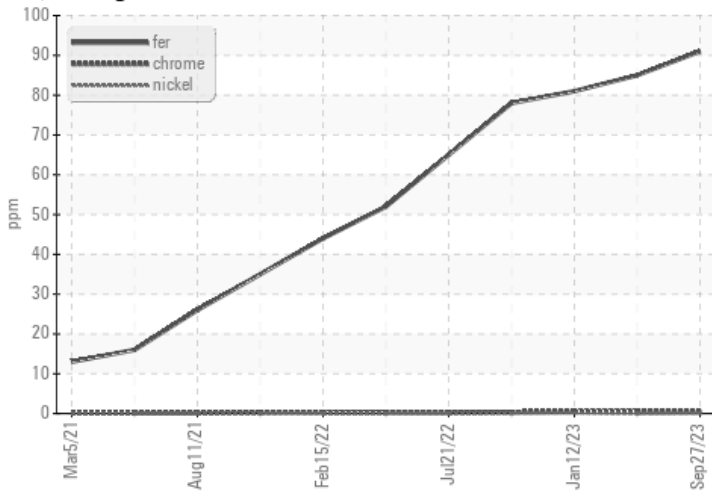
We recommend that you drain the oil from the component if this has not already been done. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. Iron ppm levels are abnormal. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. Additive levels indicate the addition of a different brand, or type of oil. The oil is no longer serviceable as a result of the abnormal and/or severe wear.

Depot: CAN353TOR
 Unique No: 5654957
 Signed: Kevin Marson
 Report Date: 02 Oct 2023

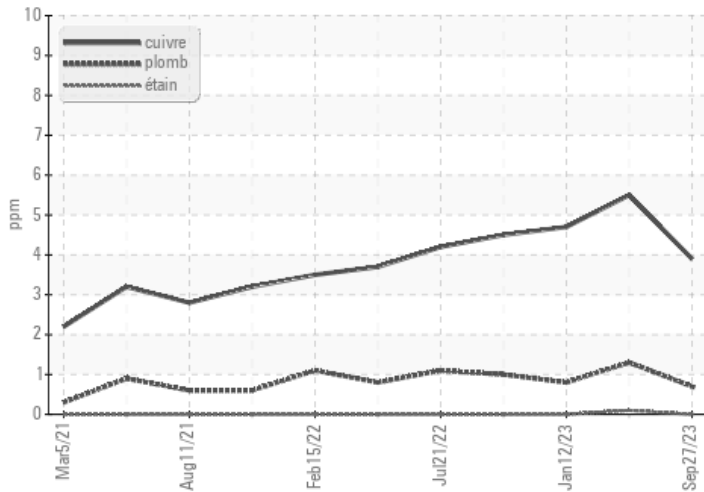


GRAPHS

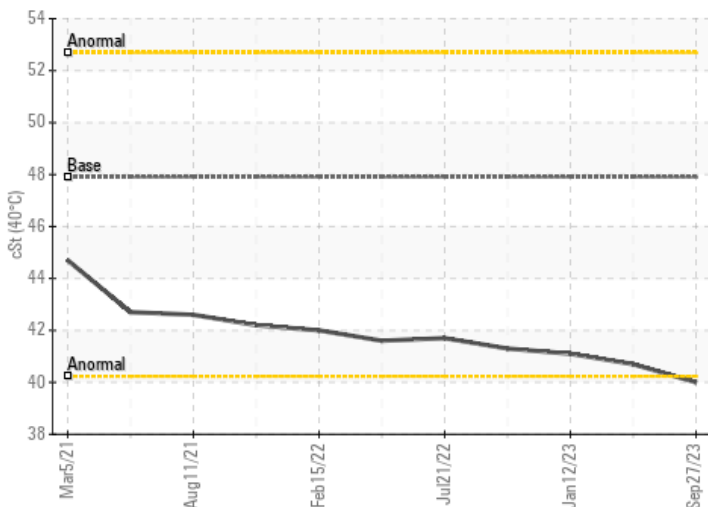
● Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

