

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 121164-1216 - Hydraulic System

Sample No: LH0289776

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



Information sur l'échantillon

Numéro d'échant.	LH0289776	LH	LH0235218	LH
Date d'échant.	22 May 2024	02 Oct 2023	08 Nov 2022	04 Oct 2021
Heures de la Machine	5000	4259	3298	0
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Not Changd	Not Changd	N/A
Statut de l'échant.	NORMAL	MARGINAL	NORMAL	NORMAL

ACIER CENTURY INC
600 BERGE DU CANAL
LACHINE, QC
CA H8R 1H4
Contact: SERVICE



État d'huile

Visc 40°C	cSt	39.9	40.0	40.2	41.3
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T:
F:



Contamination

Eau	%	NEG	NEG	NEG	NEG
Particules >4μ		3132	1273	6115	2323
Particules >6μ		668	265	1804	356
Particules >14μ		47	26	111	19
ISO 4406:1999 (c)		19/17/13	17/15/12	20/18/14	18/16/11
Silicium	ppm	1	2	2	1
Sodium	ppm	2	2	2	2
Potassium	ppm	<1	14	0	1

Diagnostic

Confirm the source of the lubricant being utilized for top-up/fill. 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. Additive levels indicate the addition of a different brand, or type of oil. The condition of the oil is acceptable for the time in service.



Métaux d'usure

Fer	ppm	16	15	16	18
Cuivre	ppm	4	4	3	3
Plomb	ppm	0	<1	1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	4	4	3	<1
Nickel	ppm	0	0	<1	0
Titane	ppm	0	0	0	0
Argent	ppm	0	<1	0	0
Manganèse	ppm	<1	0	<1	<1
Vanadium	ppm	0	0	0	0



Additifs

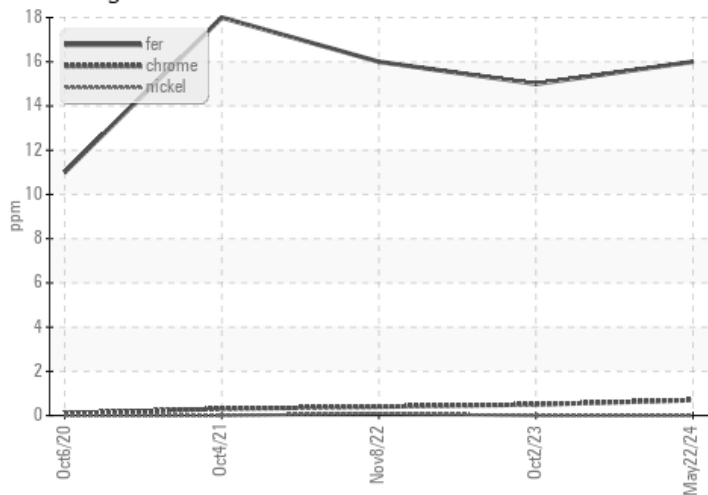
Calcium	ppm	1325	1373	1192	1264
Magnésium	ppm	15	14	11	7
Zinc	ppm	750	754	689	677
Phosphore	ppm	608	648	663	622
Baryum	ppm	<1	<1	0	<1
Bore	ppm	26	23	19	4

Depot: ACILAC
Unique No: 5786370
Signed: Kevin Marson
Report Date: 27 May 2024

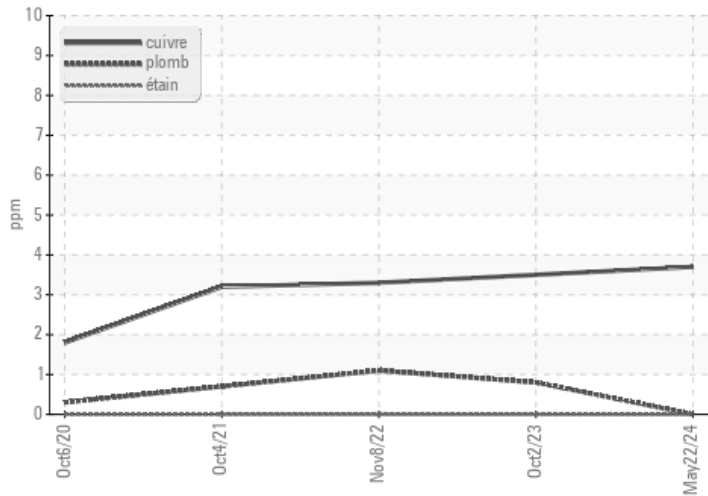


Graphs

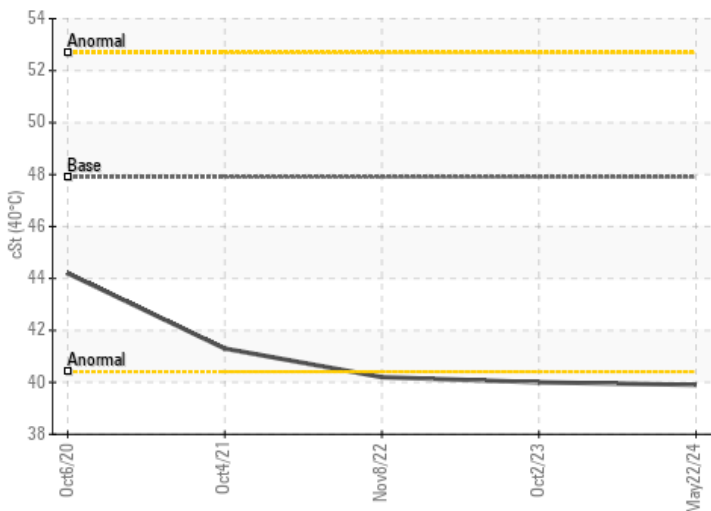
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

