

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH40M 114405-1215 - Hydraulic System

Sample No: LH0270639

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



ELG Canada
4375 CORPORATE DRIVE
BURLINGTON, ON
CA L7L 5P7
Contact: Service Manager

T:
F: (905)335-9687

Diagnostic

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. The condition of the oil is acceptable for the time in service.



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0270639	LH0251682	LH0239337	LH0193077
Date d'échant.	12 Jul 2023	31 Jan 2023	28 Sep 2022	13 May 2022
Heures de la Machine	6035	5542	5053	4594
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Not Changd	Not Changd	Not Changd
Statut de l'échant.	NORMAL	NORMAL	MARGINAL	NORMAL



ÉTAT D'HUILE

Visc 40°C	cSt	43.7	42.0	42.0	49.6
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CONTAMINATION

Particules >4µ		3455	2673	7621	6335
Particules >6µ		847	688	1767	1361
Particules >14µ		61	34	62	54
ISO 4406:1999 (c)		19/17/13	19/17/12	20/18/13	20/18/13
Silicium	ppm	1	1	2	2
Sodium	ppm	1	2	2	2
Potassium	ppm	<1	0	<1	0



MÉTAUX D'USURE

PQ		---	---	0	---
Fer	ppm	30	56	60	56
Cuivre	ppm	2	4	4	4
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	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	1
Manganèse	ppm	<1	1	1	1
Vanadium	ppm	0	0	0	0



ADDITIFS

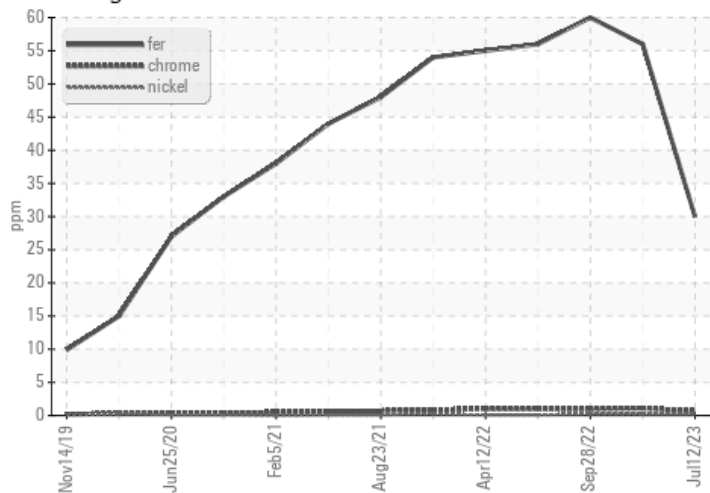
Calcium	ppm	441	914	1024	1025
Magnésium	ppm	2	4	4	4
Zinc	ppm	769	679	710	716
Phosphore	ppm	636	611	643	633
Baryum	ppm	0	0	0	0
Bore	ppm	<1	<1	<1	<1

Depot: STR437BUR
Unique No: 5607743
Signed: Wes Davis
Report Date: 19 Jul 2023

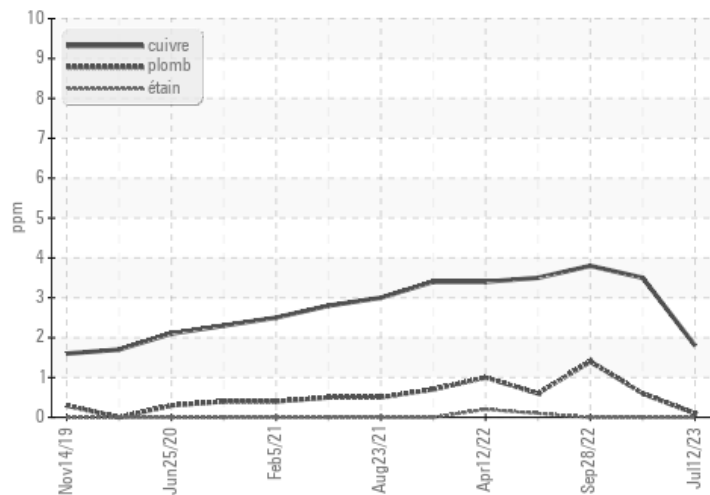


GRAPHS

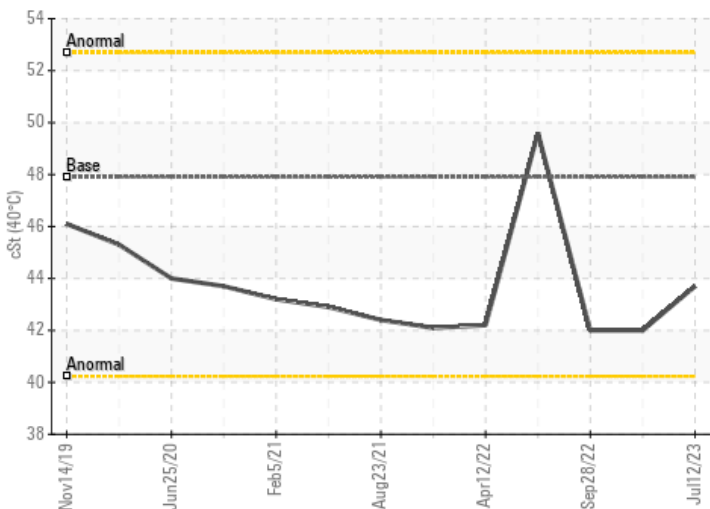
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

