



LIEBHERR LH40M 114405-1215 - Hydraulic System

Sample No: LH0276132

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0276132	LH0270639	LH0251682	LH0239337
Date d'échant.	27 Nov 2023	12 Jul 2023	31 Jan 2023	28 Sep 2022
Heures de la Machine	6537	6035	5542	5053
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Not Changd	Not Changd	Not Changd
Statut de l'échant.	NORMAL	NORMAL	NORMAL	MARGINAL

ELG Canada

4375 CORPORATE DRIVE
BURLINGTON, ON
CA L7L 5P7

Contact: Service Manager



ÉTAT D'HUILE

Visc 40°C	cSt	43.1	43.7	42.0	42.0

T:

F: (905)335-9687



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Particules >4µ		4456	3455	2673	7621
Particules >6µ		1249	847	688	1767
Particules >14µ		72	61	34	62
ISO 4406:1999 (c)		19/17/13	19/17/13	19/17/12	20/18/13
Silicium	ppm	<1	1	1	2
Sodium	ppm	1	1	2	2
Potassium	ppm	0	<1	0	<1

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.



MÉTAUX D'USURE

PQ		---	---	---	0
Fer	ppm	35	30	56	60
Cuivre	ppm	2	2	4	4
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	<1
Titane	ppm	0	0	0	0
Argent	ppm	<1	0	0	0
Manganèse	ppm	0	<1	1	1
Vanadium	ppm	0	0	0	0



ADDITIFS

Calcium	ppm	377	441	914	1024
Magnésium	ppm	2	2	4	4
Zinc	ppm	698	769	679	710
Phosphore	ppm	557	636	611	643
Baryum	ppm	<1	0	0	0
Bore	ppm	<1	<1	<1	<1

Depot: STR437BUR

Unique No: 5684531

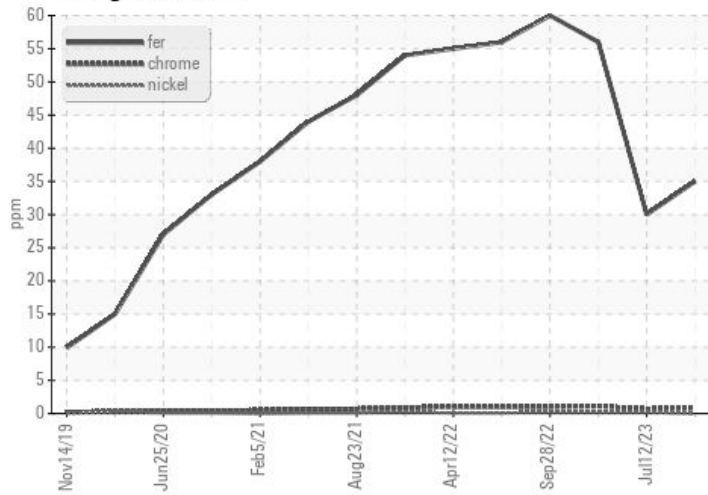
Signed: Wes Davis

Report Date: 30 Nov 2023

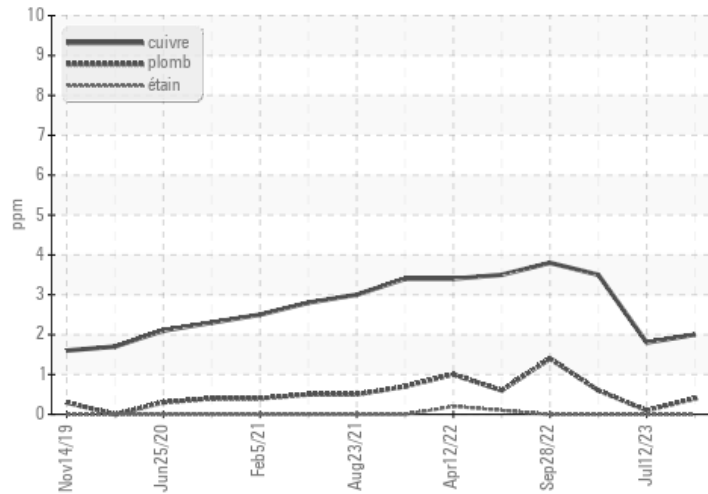


GRAPHS

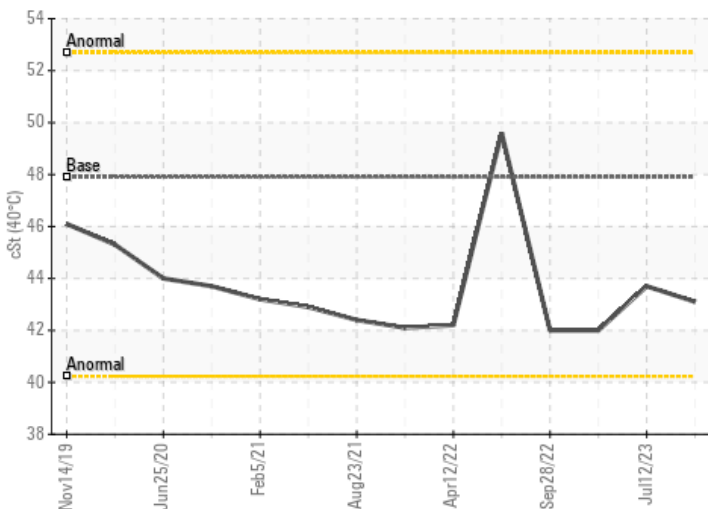
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

