



110459-1529 - Hydraulic System

Sample No: LH0296742

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



Information sur l'échantillon

Numéro d'échant.	LH0296742	LH0277458	LH0257068	LH0246984
Date d'échant.	07 Jul 2024	20 Nov 2023	13 Mar 2023	01 Dec 2022
Heures de la Machine	14886	12136	13894	13424
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	NORMAL

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État d'huile

Visc 40°C	cSt	43.3	43.6	43.7	43.5



Contamination

Eau	%	NEG	NEG	NEG	NEG
Particules >4µ		5785	5539	2748	2615
Particules >6µ		1225	1501	502	582
Particules >14µ		120	100	14	28
ISO 4406:1999 (c)		20/17/14	20/18/14	19/16/11	19/16/12
Silicium	ppm	<1	1	1	1
Sodium	ppm	<1	1	<1	<1
Potassium	ppm	<1	0	<1	0

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

Fer	ppm	11	11	10	10
Cuivre	ppm	2	2	2	2
Plomb	ppm	0	0	0	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	0	<1
Chrome	ppm	3	3	3	3
Molybdène	ppm	0	0	0	0
Nickel	ppm	0	0	0	<1
Titane	ppm	0	0	<1	<1
Argent	ppm	0	<1	0	0
Manganèse	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



Additifs

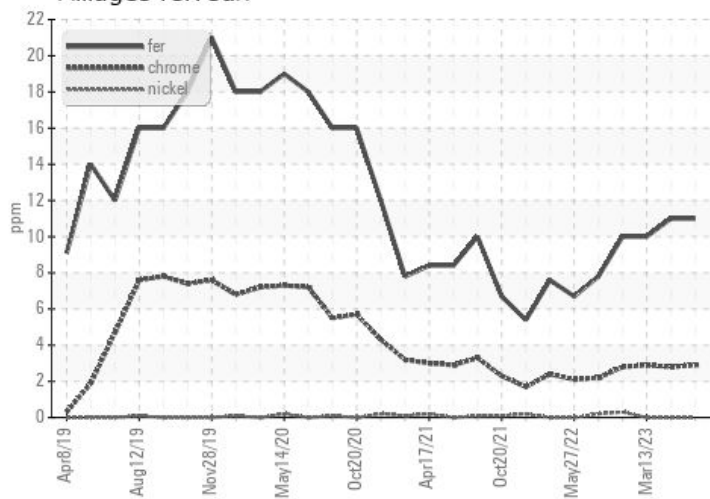
Calcium	ppm	75	76	80	82
Magnésium	ppm	3	4	3	4
Zinc	ppm	580	595	576	572
Phosphore	ppm	460	471	501	504
Baryum	ppm	0	<1	0	0
Bore	ppm	<1	<1	<1	<1

Depot: LAKWHI
Unique No: 5811847
Signed: Wes Davis
Report Date: 09 Jul 2024

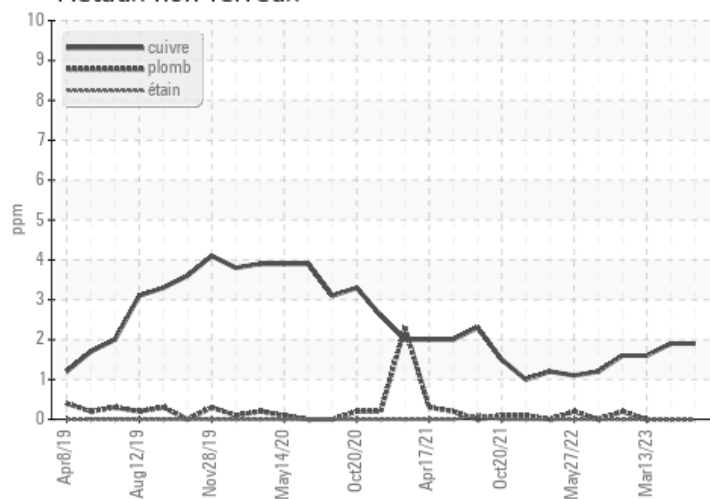


Graphs

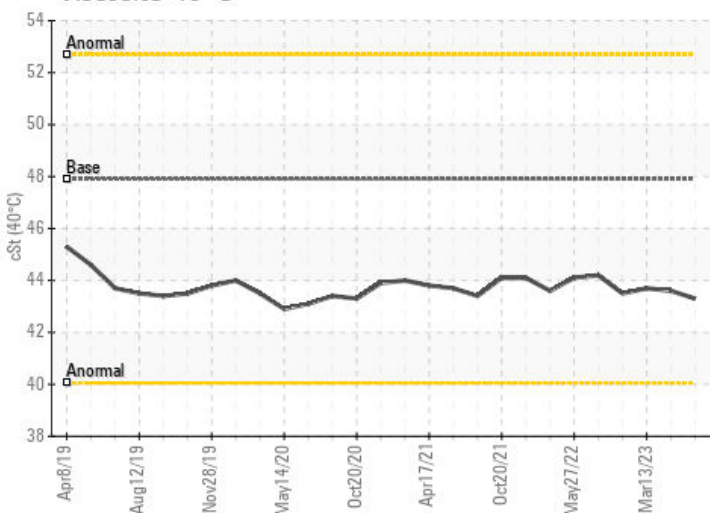
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

