

LIEBHERR

CONSTRUCTION EQUIPMENT



056255-1007 - Hydraulic System

Sample No: LH0292223

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



Information sur l'échantillon

Numéro d'échant.	LH0292223	LH0270059	LH	LH0133030
Date d'échant.	26 Jun 2024	14 Jul 2023	27 Jun 2022	24 Oct 2018
Heures de la Machine	17524	16930	0	142295
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Not Changd	Not Changd	Changed
Statut de l'échant.	NORMAL	ATTENTION	ABNORMAL	NORMAL

American Iron and Metal

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État d'huile

Visc 40°C	cSt	40.1	36.7	46.4	52.3



Contamination

Eau	%	NEG	NEG	NEG	NEG
Particules >4µ		4282	25532	67049	18268
Particules >6µ		595	5762	5089	1469
Particules >14µ		34	422	54	44
ISO 4406:1999 (c)		19/16/12	22/20/16	23/20/13	21/18/13
Silicium	ppm	<1	2	1	2
Sodium	ppm	<1	2	<1	<1
Potassium	ppm	<1	<1	<1	<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

	ppm	4	5	5	6
Fer	ppm	4	5	5	6
Cuivre	ppm	<1	1	<1	2
Plomb	ppm	0	0	<1	<1
Étain	ppm	0	0	0	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	3	7	<1	<1
Nickel	ppm	<1	0	0	<1
Titane	ppm	0	0	<1	0
Argent	ppm	0	0	0	0
Manganèse	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



Additifs

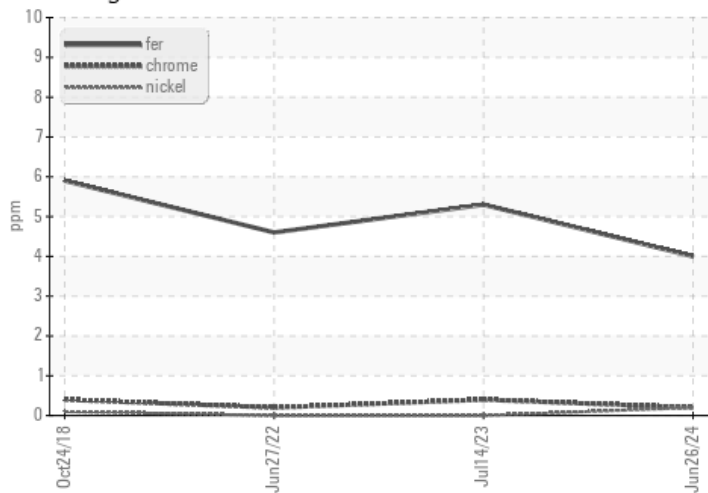
	ppm	186	266	98	98
Calcium	ppm	186	266	98	98
Magnésium	ppm	42	80	4	107
Zinc	ppm	763	682	652	553
Phosphore	ppm	592	607	524	436
Baryum	ppm	0	0	0	0
Bore	ppm	5	10	<1	<1

Depot: AMEMON
Unique No: 5802821
Signed: Wes Davis
Report Date: 04 Jul 2024

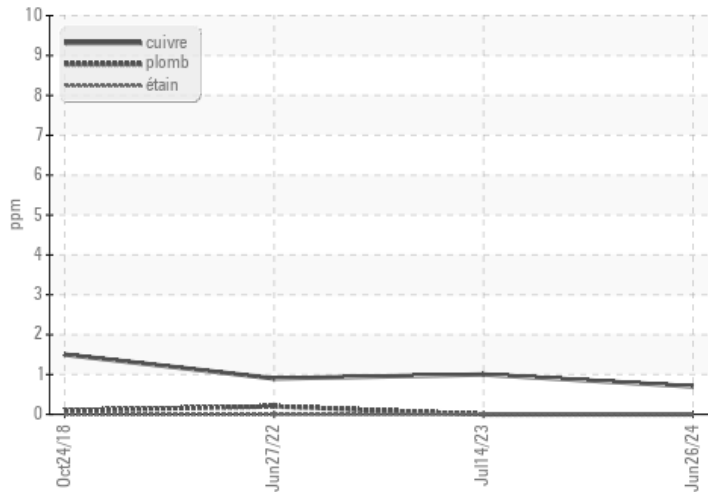


Graphs

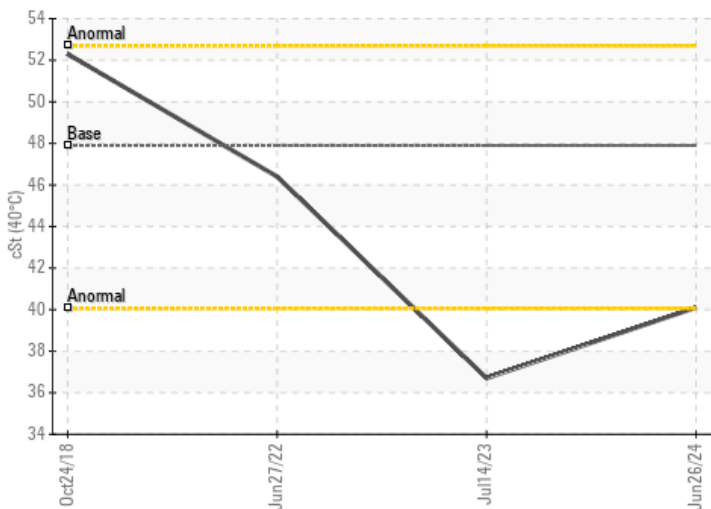
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

