

LIEBHERR

CONSTRUCTION EQUIPMENT



120280-1216 - Hydraulic System

Sample No: LH0276852

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0276852	LH0202421	LH0215103	LH0185968
Date d'échant.	03 Nov 2023	05 May 2022	16 Nov 2021	31 Mar 2021
Heures de la Machine	8000	5066	4046	2502
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Not Changd	N/A	Changed
Statut de l'échant.	NORMAL	ATTENTION	ABNORMAL	NORMAL

American Iron and Metal
1273 Kelly Lake Rd.
Sudbury, ON
CA P3E 5P5
Contact: Service Manager



ÉTAT D'HUILE

Visc 40°C	cSt	40.2	42.7	41.5	42.2

T:
F:



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Particules >4µ		14880	29084	27021	7453
Particules >6µ		4613	7271	7734	1616
Particules >14µ		361	381	1003	112
ISO 4406:1999 (c)		21/19/16	22/20/16	22/20/17	20/18/14
Silicium	ppm	<1	1	<1	<1
Sodium	ppm	<1	<1	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

Fer	ppm	20	24	32	30
Cuivre	ppm	2	2	2	2
Plomb	ppm	0	<1	<1	<1
Étain	ppm	0	0	<1	0
Aluminium	ppm	<1	<1	<1	<1
Chrome	ppm	<1	<1	<1	<1
Molybdène	ppm	0	<1	<1	<1
Nickel	ppm	0	0	<1	<1
Titane	ppm	0	0	0	0
Argent	ppm	0	0	0	<1
Manganèse	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIFS

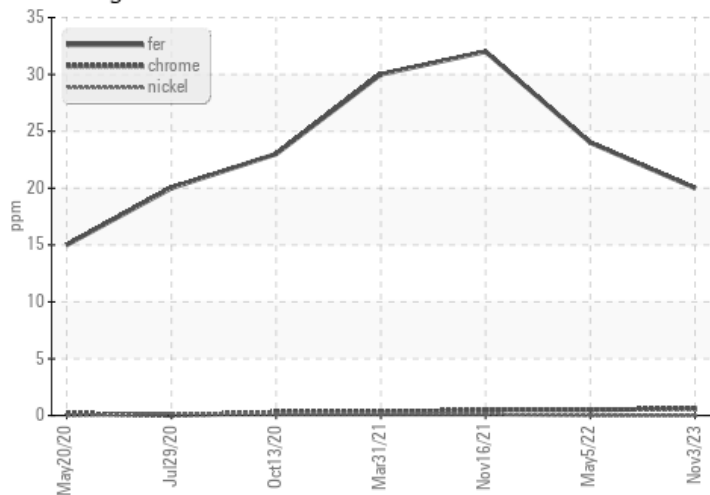
Calcium	ppm	229	287	404	444
Magnésium	ppm	4	1	2	2
Zinc	ppm	775	720	757	783
Phosphore	ppm	649	634	624	597
Baryum	ppm	0	<1	0	<1
Bore	ppm	3	7	<1	<1

Depot: AIMSUD
Unique No: 5698095
Signed: Wes Davis
Report Date: 27 Dec 2023

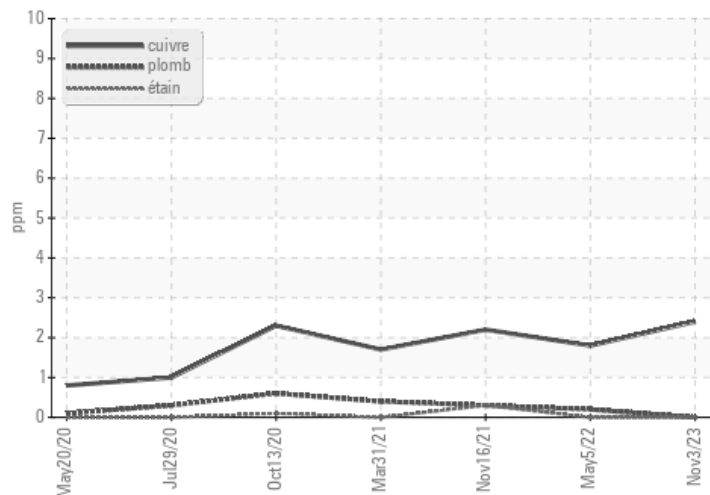


GRAPHS

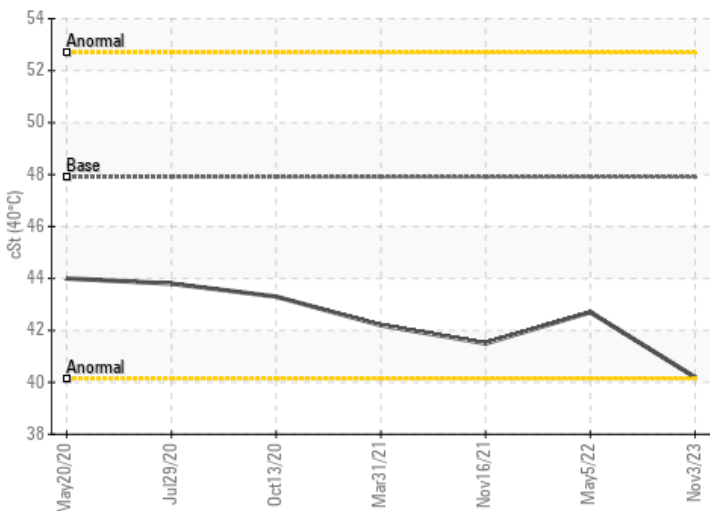
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

