

LIEBHERR

CONSTRUCTION EQUIPMENT



026164-791 - Hydraulic System

Sample No: LH0277081

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0277081	LH0070459	---	---
Date d'échant.	05 Feb 2024	18 Apr 2013	---	---
Heures de la Machine	10940	1981	---	---
Heures de l'huile	0	0	---	---
Huile changée	Changed	Changed	---	---
Statut de l'échant.	ABNORMAL	NORMAL	---	---

American Iron and Metal
 PIER 10, 1 PROTECTION ST
 SAINT JOHN, NB
 CA E2M 5S8
 Contact: Nathan Kavanaugh
 nkavanaugh@aim-rg.com
 T: (506)343-5362
 F: (888)252-5594



ÉTAT D'HUILE

Visc 40°C	cSt	67.8	39.3	---	---
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CONTAMINATION

Eau	%	NEG	NEG	---	---
Particules >4µ		3687	6314	---	---
Particules >6µ		536	403	---	---
Particules >14µ		21	14	---	---
ISO 4406:1999 (c)		19/16/12	20/16/11	---	---
Silicium	ppm	<1	2	---	---
Sodium	ppm	<1	4	---	---
Potassium	ppm	<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. Viscosity of sample indicates oil is within ISO 68 range, advise investigate. The condition of the oil is acceptable for the time in service.



MÉTAUX D'USURE

Fer	ppm	7	9	---	---
Cuivre	ppm	4	7	---	---
Plomb	ppm	<1	1	---	---
Étain	ppm	0	0	---	---
Aluminium	ppm	<1	<1	---	---
Chrome	ppm	2	5	---	---
Molybdène	ppm	1	2	---	---
Nickel	ppm	<1	0	---	---
Titane	ppm	0	0	---	---
Argent	ppm	0	0	---	---
Manganèse	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



ADDITIFS

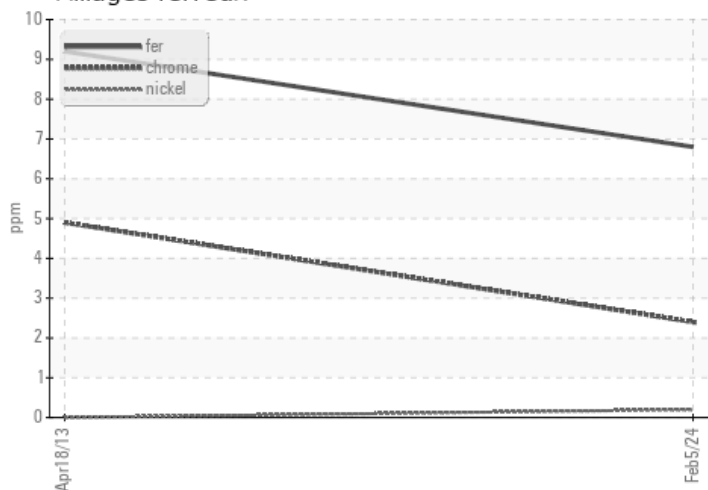
Calcium	ppm	375	720	---	---
Magnésium	ppm	5	16	---	---
Zinc	ppm	549	438	---	---
Phosphore	ppm	461	355	---	---
Baryum	ppm	0	<1	---	---
Bore	ppm	2	7	---	---

Depot: AME10STJ
Unique No: 5724793
Signed: Kevin Marson
Report Date: 15 Feb 2024

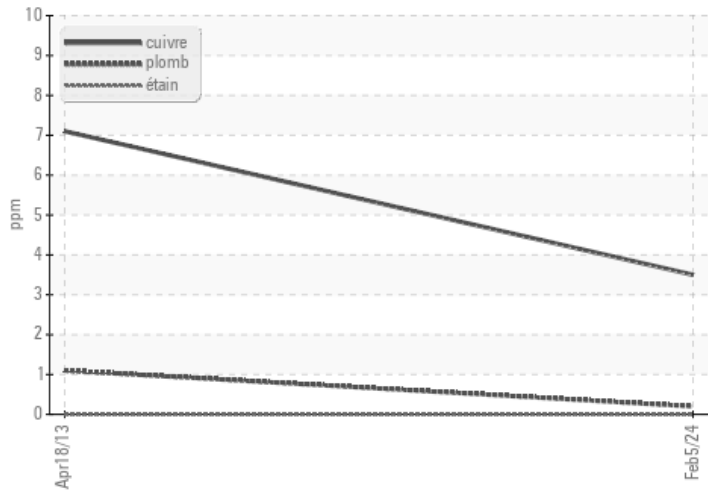


GRAPHS

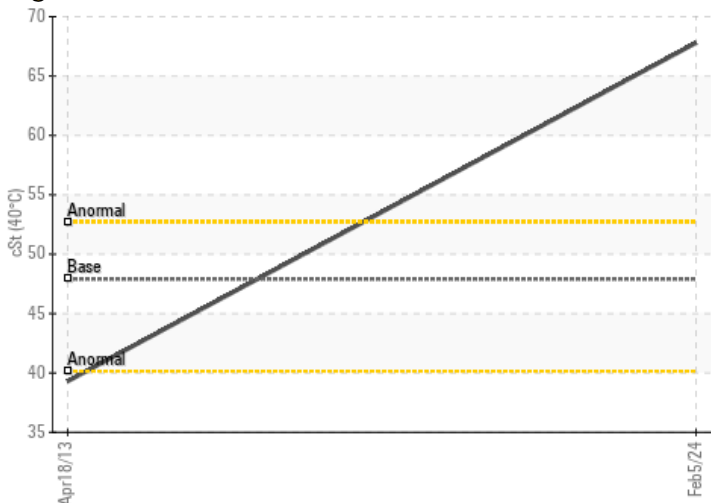
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

