

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR A924C-LI064062-1049 - Hydraulic System

Sample No: LH0284323

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0284323	LH0274064	LH0261033	LH
Date d'échant.	19 Feb 2024	26 Oct 2023	14 Jun 2023	06 Aug 2021
Heures de la Machine	14179	13784	13298	11114
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Not Changd	N/A	N/A
Statut de l'échant.	NORMAL	NORMAL	ATTENTION	NORMAL

MARCEL DUVAL FER ET METAUX INC.
661 RANG STE-MARIE
ST. SEBASTIEN, QC
CA J0J 2C0
Contact: Service Manager



ÉTAT D'HUILE

Visc 40°C	cSt	36.0	36.3	37.0	39.7
Visc 100°C	cSt	---	6.8	---	---
Indice de viscosité (VI)	Scale	---	148	---	---

T:
F:

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.



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Particules >4µ		2496	3827	29313	6848
Particules >6µ		500	1117	4801	1820
Particules >14µ		40	64	255	135
ISO 4406:1999 (c)		18/16/12	19/17/13	22/19/15	20/18/14
Silicium	ppm	2	2	2	1
Sodium	ppm	1	2	1	1
Potassium	ppm	1	<1	<1	<1



MÉTAUX D'USURE

Fer	ppm	28	27	26	25
Cuivre	ppm	9	9	9	8
Plomb	ppm	1	<1	<1	1
Étain	ppm	0	0	0	<1
Aluminium	ppm	1	<1	<1	<1
Chrome	ppm	4	4	4	4
Molybdène	ppm	0	0	<1	<1
Nickel	ppm	<1	<1	<1	<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

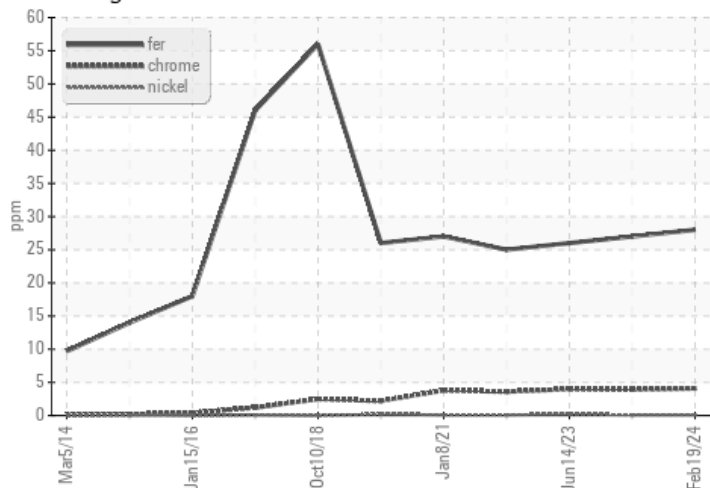
Calcium	ppm	255	258	262	349
Magnésium	ppm	6	3	3	3
Zinc	ppm	552	562	563	637
Phosphore	ppm	467	439	481	547
Baryum	ppm	0	<1	0	0
Bore	ppm	<1	<1	<1	<1

Depot: MARSTS
Unique No: 5734542
Signed: Wes Davis
Report Date: 23 Feb 2024

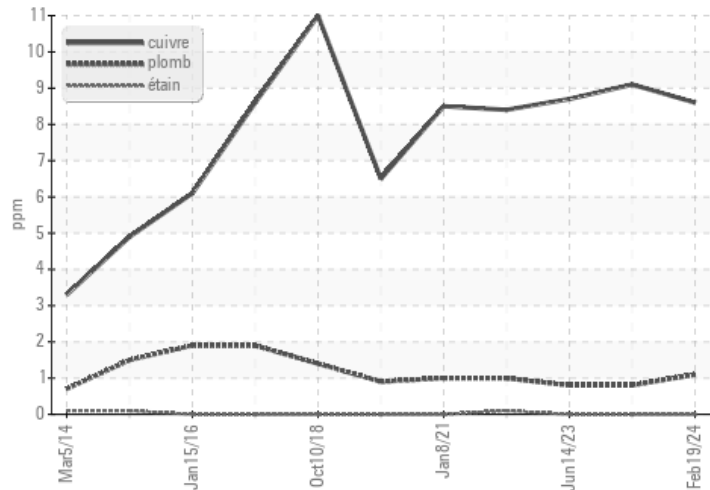


GRAPHS

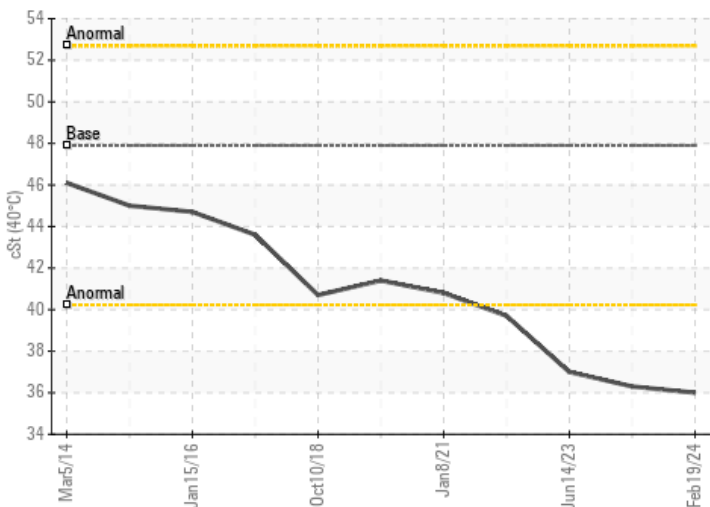
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

