

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L550 040916-1287 - Hydraulic System

Sample No: LH0104274

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0104274	LH0104293	LH0256717	LH0162340
Date d'échant.	23 Feb 2024	29 Sep 2023	20 Mar 2023	13 Dec 2022
Heures de la Machine	11750	11118	10626	10041
Heures de l'huile	0	0	0	0
Huile changée	Not Changd	Not Changd	Changed	Changed
Statut de l'échant.	NORMAL	ATTENTION	NORMAL	NORMAL

RIDEAU BULK TERMINALS INC.

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ÉTAT D'HUILE

Visc 40°C	cSt	44.9	44.6	44.7	42.9



CONTAMINATION

Eau	%	NEG	NEG	NEG	NEG
Particules >4µ		2122	25614	8631	1682
Particules >6µ		148	2003	2102	413
Particules >14µ		16	76	152	19
ISO 4406:1999 (c)		18/14/11	22/18/13	20/18/14	18/16/11
Silicium	ppm	1	2	2	2
Sodium	ppm	6	7	7	7
Potassium	ppm	3	2	2	2

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	9	14	11	17
Cuivre	ppm	2	2	2	3
Plomb	ppm	1	2	2	3
Étain	ppm	0	0	<1	0
Aluminium	ppm	<1	<1	<1	1
Chrome	ppm	1	2	1	3
Molybdène	ppm	0	0	0	0
Nickel	ppm	<1	<1	0	0
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	128	142	144	179
Magnésium	ppm	2	3	2	3
Zinc	ppm	822	806	776	719
Phosphore	ppm	664	627	677	648
Baryum	ppm	0	<1	0	0
Bore	ppm	<1	<1	<1	<1

Depot: RIDOTT

Unique No: 5735529

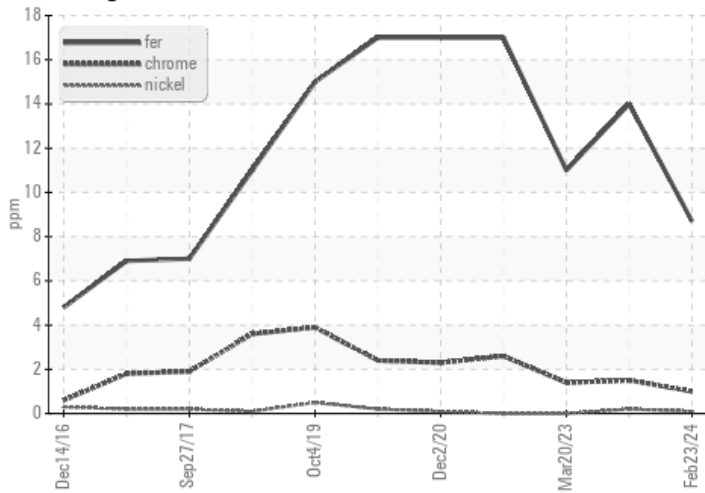
Signed: Wes Davis

Report Date: 28 Feb 2024

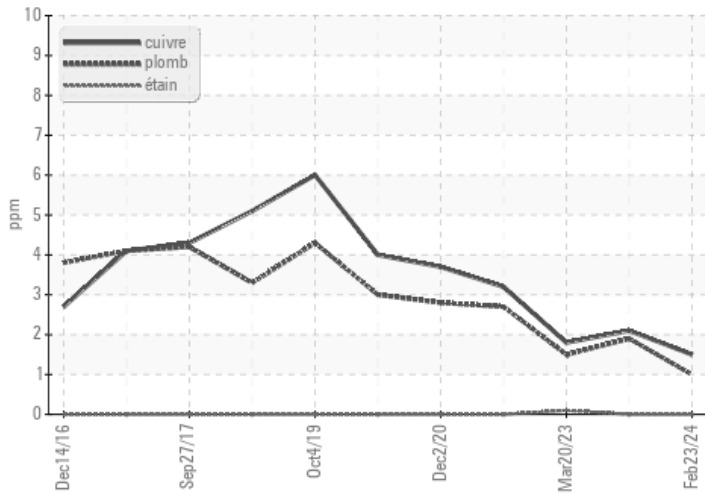


GRAPHS

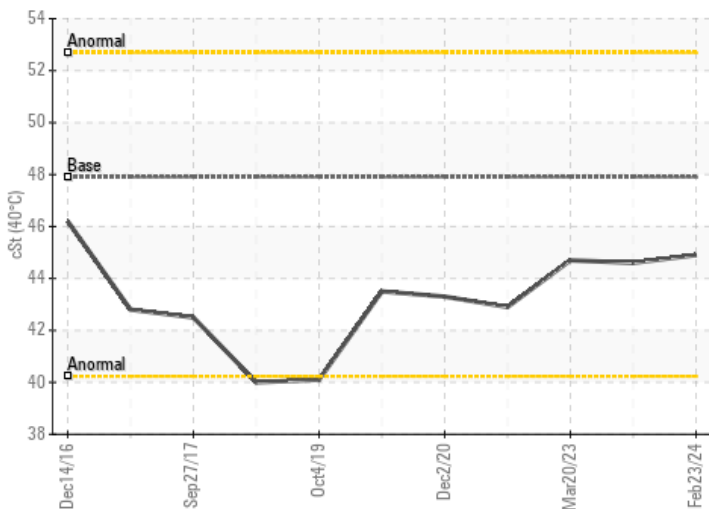
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

