

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR R945 055435-1866 - Hydraulic System

Sample No: LH0252145

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.		LH0252145	LH0256976	---	---
Date d'échant.		27 Nov 2023	27 Mar 2023	---	---
Heures de la Machine		2000	1015	---	---
Heures de l'huile		0	0	---	---
Huile changée		Not Changd	Not Changd	---	---
Statut de l'échant.		NORMAL	ATTENTION	---	---



#### ÉTAT D'HUILE

Visc 40°C	cSt	42.9	43.9	---	---
Indice d'acidité	mg KOH/g	1.68	---	---	---



#### CONTAMINATION

Eau	%	NEG	NEG	---	---
Particules >4µ		9982	28440	---	---
Particules >6µ		2537	9695	---	---
Particules >14µ		63	401	---	---
ISO 4406:1999 (c)		20/19/13	22/20/16	---	---
Silicium	ppm	4	4	---	---
Sodium	ppm	3	2	---	---
Potassium	ppm	<1	1	---	---



#### MÉTAUX D'USURE

Fer	ppm	8	8	---	---
Cuivre	ppm	5	4	---	---
Plomb	ppm	<1	<1	---	---
Étain	ppm	0	0	---	---
Aluminium	ppm	<1	<1	---	---
Chrome	ppm	<1	<1	---	---
Molybdène	ppm	0	0	---	---
Nickel	ppm	0	<1	---	---
Titane	ppm	0	0	---	---
Argent	ppm	<1	2	---	---
Manganèse	ppm	0	<1	---	---
Vanadium	ppm	0	0	---	---



#### ADDITIFS

Calcium	ppm	1352	1479	---	---
Magnésium	ppm	3	4	---	---
Zinc	ppm	725	726	---	---
Phosphore	ppm	656	718	---	---
Baryum	ppm	<1	0	---	---
Bore	ppm	<1	<1	---	---

**CLOUTHIER VENTURES LTD.**  
 59 MATTHEWS STREET, R.R. # 5  
 PEMBROKE, ON  
 CA K8A 0A6  
 Contact: Travis Bennett  
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 T: (613)735-6531  
 F: (613)735-2769

#### Diagnostic

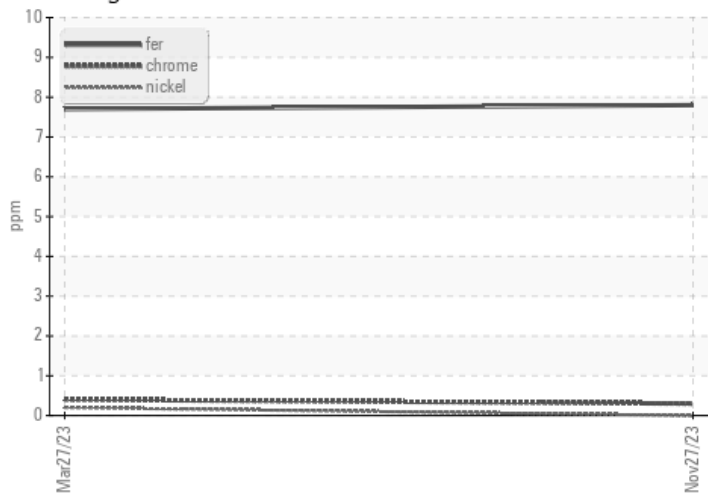
Confirm the source of the lubricant being utilized for top-up/fill. Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. Additive levels indicate the addition of a different brand, or type of oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.

**Depot:** CLOPEM  
**Unique No:** 5684957  
**Signed:** Kevin Marson  
**Report Date:** 01 Dec 2023

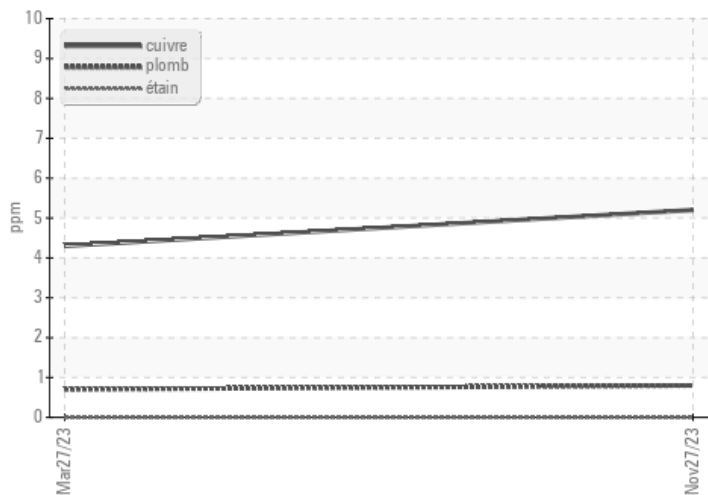


### GRAPHS

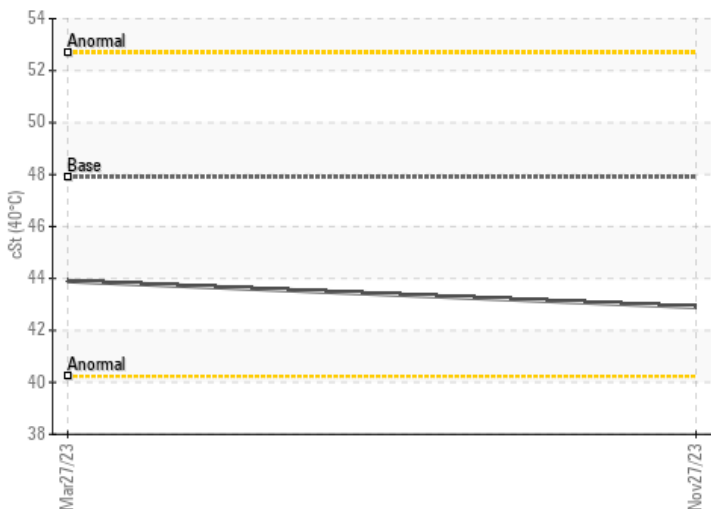
#### Alliages ferreux



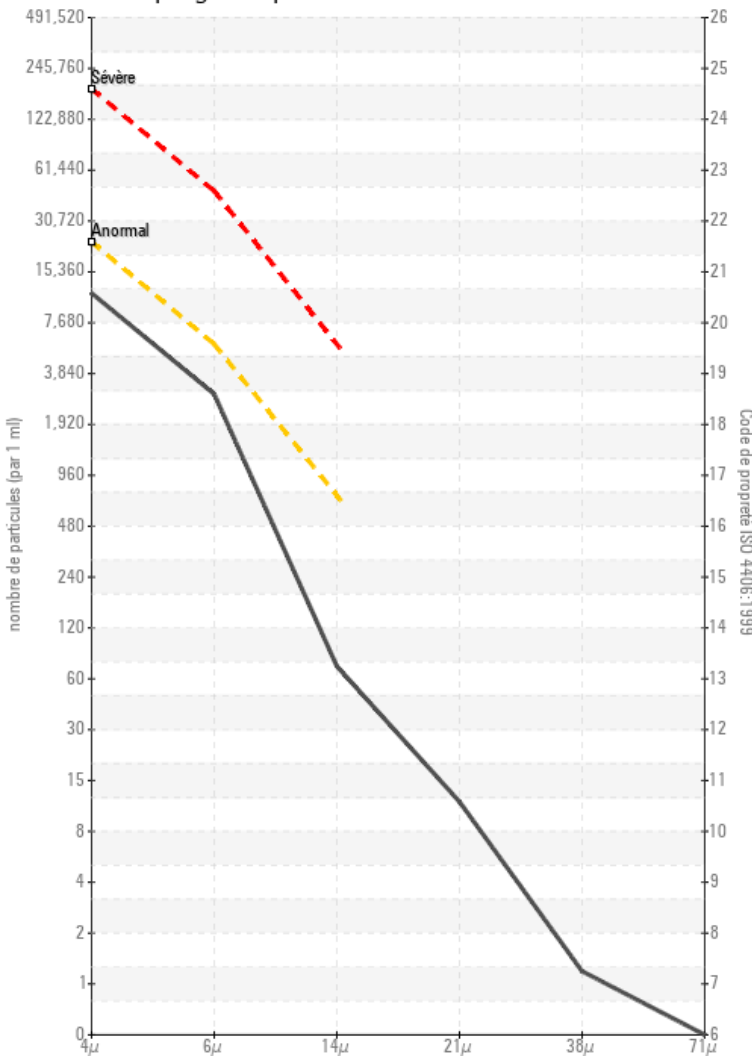
#### Métaux non-ferreux



#### Viscosité 40°C



#### Comptage de particules



#### Indice d'acidité

