

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### LIEBHERR L556 066526-1826 - Hydraulic System

Sample No: LH0238242

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



#### INFORMATION SUR L'ÉCHANTILLON

Numéro d'échant.	LH0238242	VCP	LH0238246	---
Date d'échant.	03 Mar 2024	21 Sep 2023	27 Jan 2023	---
Heures de la Machine	2500	2000	1000	---
Heures de l'huile	0	0	0	---
Huile changée	Changed	Not Changd	N/A	---
Statut de l'échant.	ATTENTION	ATTENTION	ATTENTION	---

**INDUSTRIES TLT**  
144 RUE LAROUCHE  
SAINTE MONIQUE, QC  
CA G0W 2T0  
Contact: Service Manager



#### ÉTAT D'HUILE

Visc 40°C	cSt	● 40.0	● 40.3	● 41.8	---
Indice d'acidité	mg KOH/g	● 0.83	---	● 0.74	---

T:  
F:



#### CONTAMINATION

Eau	%	NEG	NEG	NEG	---
Particules >4µ		● 30958	● 29331	● 22201	---
Particules >6µ		● 1802	● 3035	● 786	---
Particules >14µ		● 28	● 82	● 22	---
ISO 4406:1999 (c)		22/18/12	22/19/14	22/17/12	---
Silicium	ppm	● 2	● 2	● 2	---
Sodium	ppm	● 1	● 2	● <1	---
Potassium	ppm	● 1	● 2	● 0	---

#### Diagnostic

The filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



#### MÉTAUX D'USURE

Fer	ppm	● 11	● 8	● 7	---
Cuivre	ppm	● 2	● 2	● 1	---
Plomb	ppm	● 4	● 4	● 3	---
Étain	ppm	● 0	● 0	● 0	---
Aluminium	ppm	● 1	● <1	● <1	---
Chrome	ppm	● 3	● 2	● <1	---
Molybdène	ppm	● 12	● 12	<1	---
Nickel	ppm	● 0	● 0	● <1	---
Titane	ppm	0	0	0	---
Argent	ppm	0	2	0	---
Manganèse	ppm	● 0	● 0	<1	---
Vanadium	ppm	0	0	0	---



#### ADDITIFS

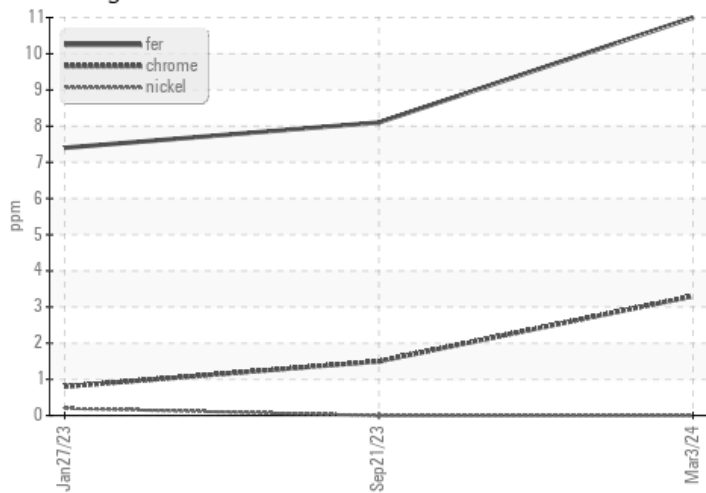
Calcium	ppm	● 646	● 661	711	---
Magnésium	ppm	149	155	4	---
Zinc	ppm	● 615	● 629	544	---
Phosphore	ppm	● 544	● 538	518	---
Baryum	ppm	● <1	● <1	0	---
Bore	ppm	● 11	● 12	1	---

**Depot:** IND144SAI  
**Unique No:** 5736832  
**Signed:** Wes Davis  
**Report Date:** 05 Mar 2024

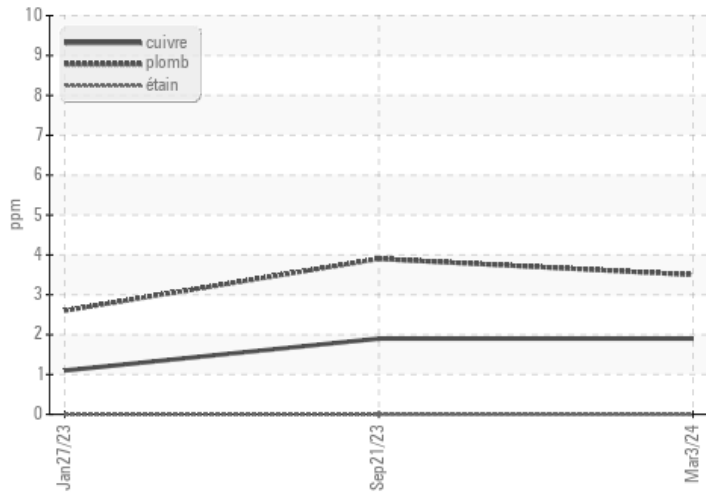


### GRAPHS

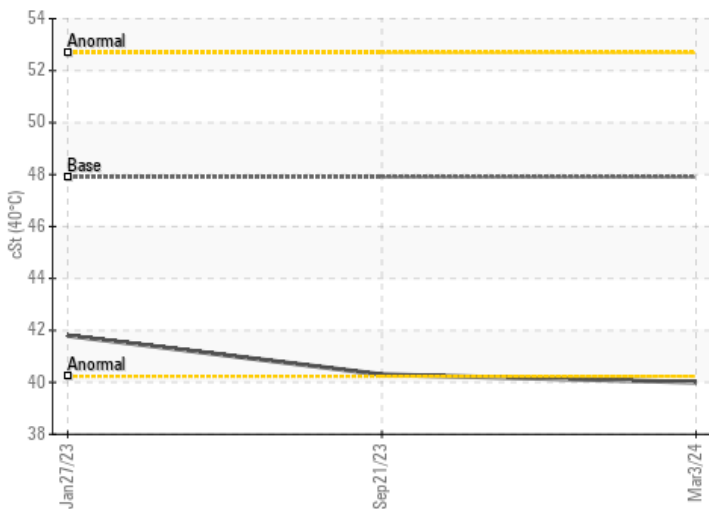
#### Alliages ferreux



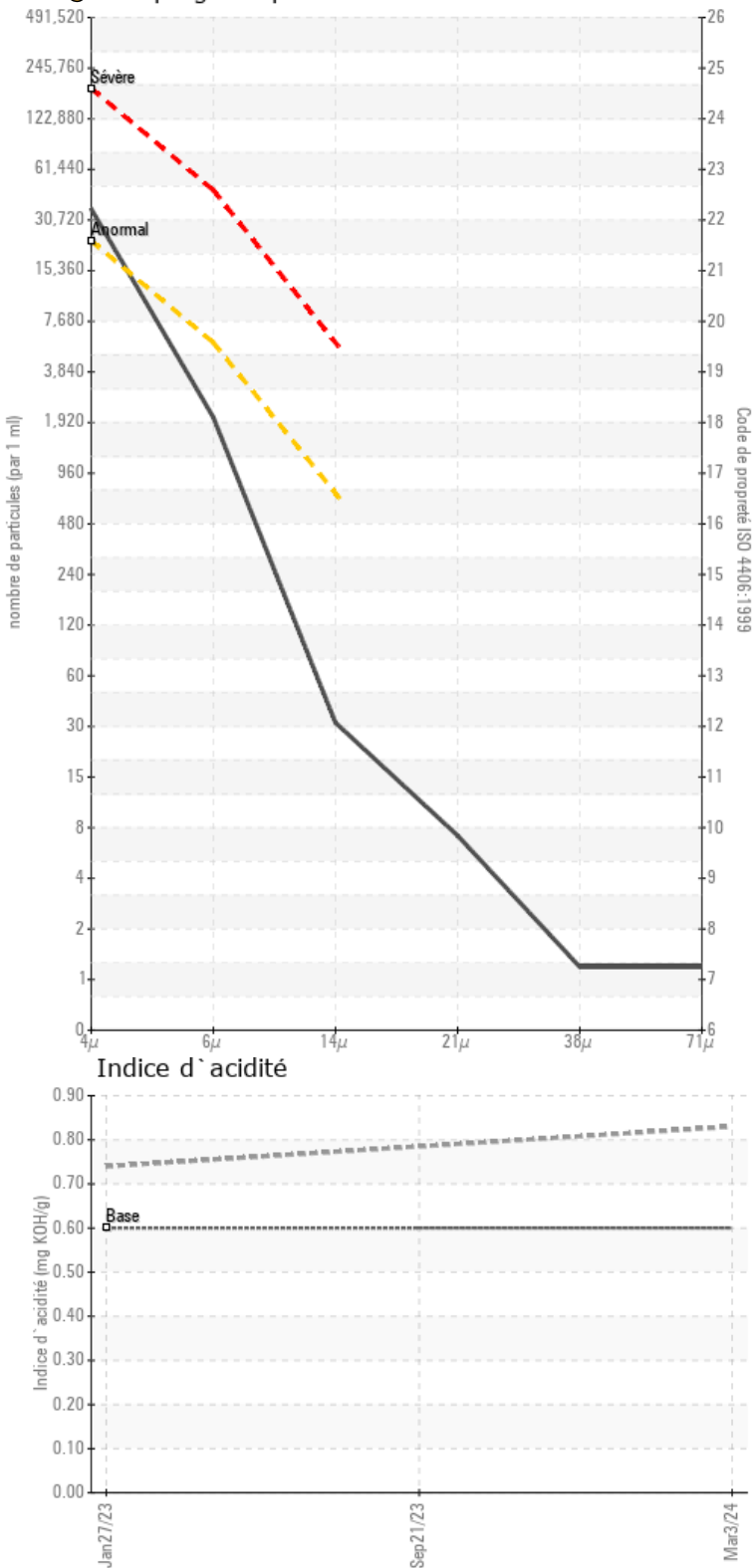
#### Métaux non-ferreux



#### Viscosité 40°C



#### Comptage de particules



#### Indice d'acidité

