

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(360376)] LIEBHERR LH40M 134365-1215 - Hydraulic System

Sample No: LH0288364

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



#### Information sur l'échantillon

Numéro d'échant.	LH0288364	LH0276903	LH0193116	---
Date d'échant.	31 May 2024	23 Sep 2023	30 May 2022	---
Heures de la Machine	4811	3785	1166	---
Heures de l'huile	0	0	0	---
Huile changée	Not Changd	Not Changd	Not Changd	---
Statut de l'échant.	NORMAL	ATTENTION	NORMAL	---

American Iron and Metal

997 CARPIN BEACH RD

SAULT ST MARIE, ON

CA P6A 6K4

Contact: Service Manager



#### État d'huile

Visc 40°C	cSt	41.6	47.7	43.3	---
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T:

F:



#### Contamination

Eau	%	NEG	NEG	NEG	---
Particules >4μ		11599	23829	5168	---
Particules >6μ		2790	7969	875	---
Particules >14μ		190	467	32	---
ISO 4406:1999 (c)		21/19/15	22/20/16	20/17/12	---
Silicium	ppm	2	<1	2	---
Sodium	ppm	2	<1	1	---
Potassium	ppm	1	0	1	---

#### 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 condition of the oil is acceptable for the time in service.



#### Métaux d'usure

Fer	ppm	17	0	14	---
Cuivre	ppm	4	<1	2	---
Plomb	ppm	0	0	<1	---
Étain	ppm	0	0	<1	---
Aluminium	ppm	<1	0	<1	---
Chrome	ppm	<1	0	<1	---
Molybdène	ppm	0	0	0	---
Nickel	ppm	0	0	<1	---
Titane	ppm	0	0	0	---
Argent	ppm	0	<1	0	---
Manganèse	ppm	<1	0	<1	---
Vanadium	ppm	0	0	0	---



#### Additifs

Calcium	ppm	962	105	1245	---
Magnésium	ppm	4	<1	4	---
Zinc	ppm	685	859	740	---
Phosphore	ppm	569	645	667	---
Baryum	ppm	<1	<1	0	---
Bore	ppm	<1	<1	<1	---

Depot: AIMS AU

Unique No: 5788823

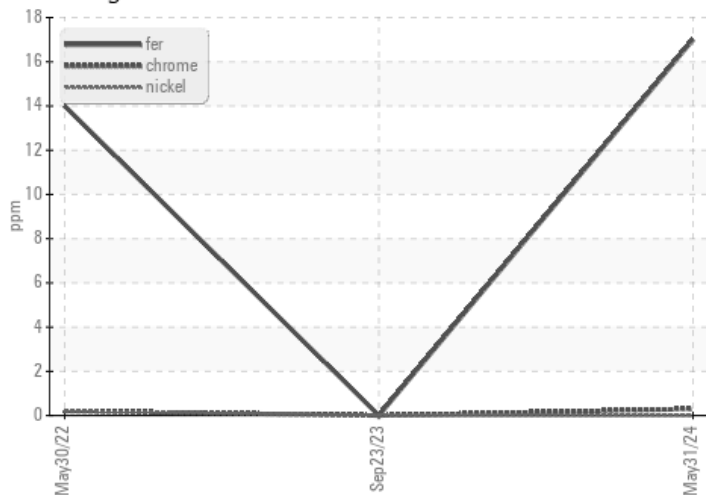
Signed: Kevin Marson

Report Date: 06 Jun 2024

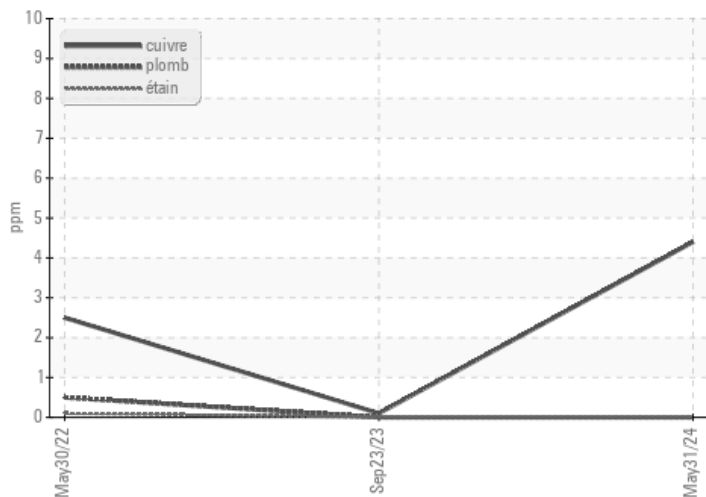


### Graphs

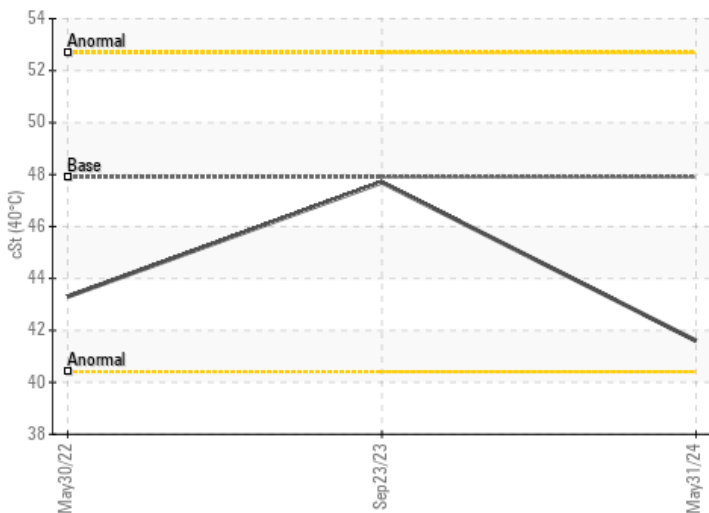
#### Alliages ferreux



#### Métaux non-ferreux



#### Viscosité 40°C



#### Comptage de particules

