

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 153712-1253 - Hydraulic System

Sample No: LH

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



Information sur l'échantillon

Numéro d'échant.	LH	LH	---	---
Date d'échant.	30 Apr 2024	14 Dec 2023	---	---
Heures de la Machine	1001	500	---	---
Heures de l'huile	0	0	---	---
Huile changée	Not Changed	Changed	---	---
Statut de l'échant.	ATTENTION	ATTENTION	---	---

Innovation Industrielle Boivin Inc.

2205 de la Fonderie

Chicoutimi, QC

CA G7H 8B9

Contact: Service Manager



État d'huile

Visc 40°C	cSt	44.6	45.6	---	---
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T:

F:



Contamination

Eau	%	NEG	NEG	---	---
Particules >4µ		28858	24634	---	---
Particules >6µ		9644	3923	---	---
Particules >14µ		784	108	---	---
ISO 4406:1999 (c)		22/20/17	22/19/14	---	---
Silicium	ppm	<1	2	---	---
Sodium	ppm	2	2	---	---
Potassium	ppm	1	<1	---	---

Diagnostic

The filter change at the time of sampling has been noted. 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. There is a light amount of silt (particulates < 14 microns in size) present in the oil. 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	18	15	---	---
Cuivre	ppm	3	2	---	---
Plomb	ppm	0	<1	---	---
Étain	ppm	0	0	---	---
Aluminium	ppm	<1	<1	---	---
Chrome	ppm	2	<1	---	---
Molybdène	ppm	0	0	---	---
Nickel	ppm	0	<1	---	---
Titane	ppm	0	0	---	---
Argent	ppm	0	<1	---	---
Manganèse	ppm	<1	0	---	---
Vanadium	ppm	0	0	---	---



Additifs

Calcium	ppm	1355	1456	---	---
Magnésium	ppm	9	8	---	---
Zinc	ppm	710	721	---	---
Phosphore	ppm	630	636	---	---
Baryum	ppm	0	<1	---	---
Bore	ppm	<1	<1	---	---

Depot: INN220CHI

Unique No: 5774302

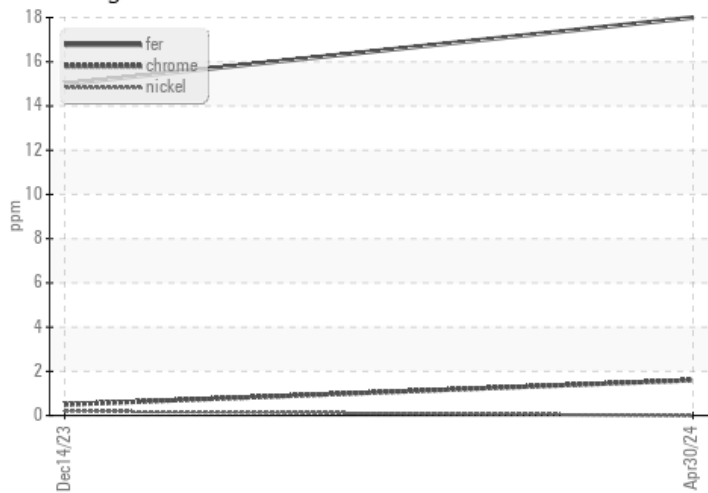
Signed: Kevin Marson

Report Date: 06 May 2024

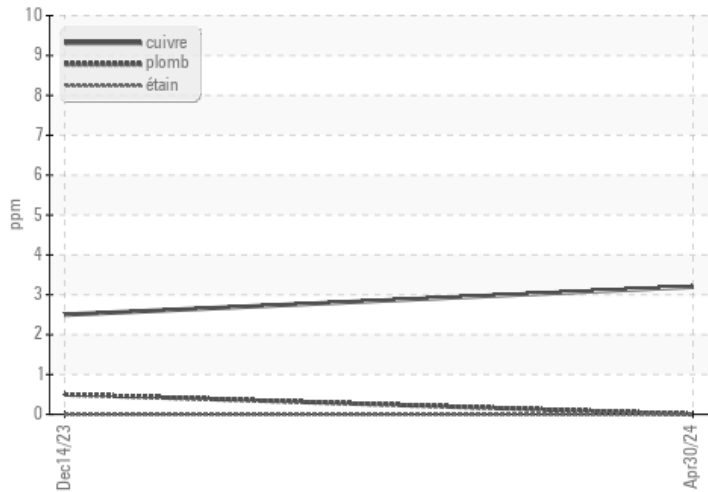


Graphs

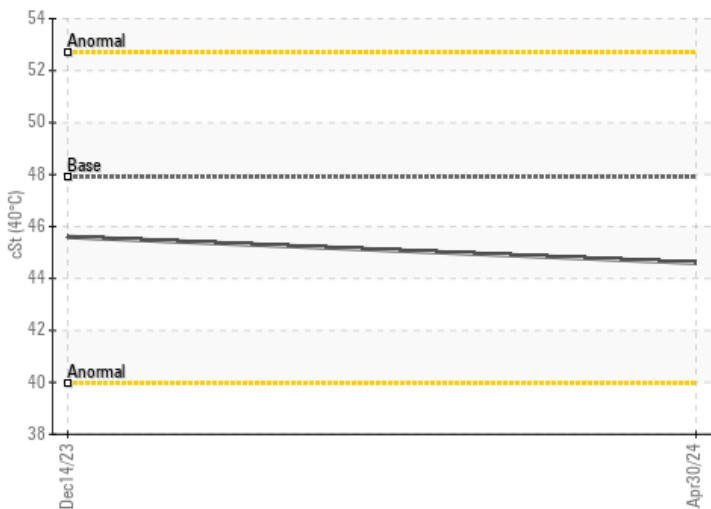
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

