

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR TA230 142551-1513 - Hydraulic System

Sample No: LH0292170

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



Information sur l'échantillon

Numéro d'échant.	LH0292170	LH0265425	---	---
Date d'échant.	27 Jun 2024	01 Aug 2023	---	---
Heures de la Machine	2065	1132	---	---
Heures de l'huile	0	0	---	---
Huile changée	Not Chngd	Not Chngd	---	---
Statut de l'échant.	ABNORMAL	NORMAL	---	---

LES ENTREPRISES LOU-VIL INC
 255 BOUL. LOUIS XIV
 QUEBEC, QC
 CA G2K 1W6
 Contact: Service Manager



État d'huile

Visc 40°C	cSt	● 46.4	● 46.6	---	---
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T: (418)622-2958
 F:



Contamination

Eau	%	NEG	NEG	---	---
Particules >4μ		● 63568	● 13046	---	---
Particules >6μ		● 15856	● 535	---	---
Particules >14μ		● 795	● 13	---	---
ISO 4406:1999 (c)		23/21/17	21/16/11	---	---
Silicium	ppm	● 8	● 4	---	---
Sodium	ppm	● 1	● 1	---	---
Potassium	ppm	● 1	● 1	---	---

Diagnostic

We recommend you service the filters on this component. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate 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 oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.



Métaux d'usure

Fer	ppm	● 8	● 6	---	---
Cuivre	ppm	● 6	● 4	---	---
Plomb	ppm	● 2	● 1	---	---
Étain	ppm	● 0	● 0	---	---
Aluminium	ppm	● 4	● 2	---	---
Chrome	ppm	● <1	● <1	---	---
Molybdène	ppm	● 0	0	---	---
Nickel	ppm	● <1	● <1	---	---
Titane	ppm	<1	0	---	---
Argent	ppm	0	<1	---	---
Manganèse	ppm	● <1	<1	---	---
Vanadium	ppm	0	0	---	---



Additifs

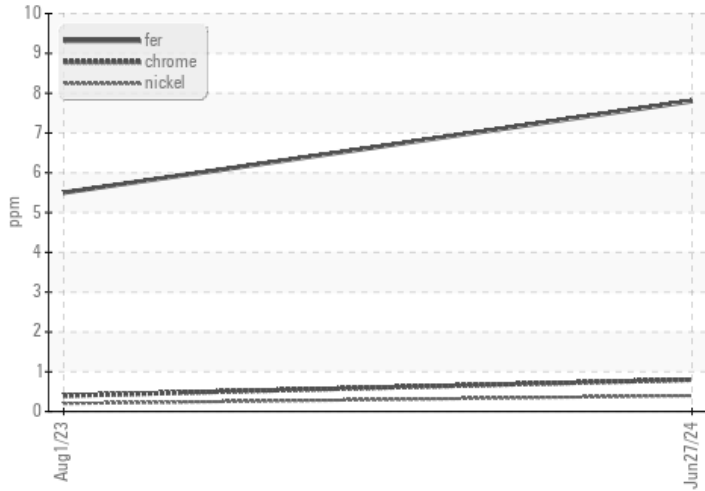
Calcium	ppm	1313	1342	---	---
Magnésium	ppm	● 4	4	---	---
Zinc	ppm	● 717	714	---	---
Phosphore	ppm	● 646	671	---	---
Baryum	ppm	● <1	<1	---	---
Bore	ppm	● <1	<1	---	---

Depot: LOUQUE
 Unique No: 5812612
 Signed: Kevin Marson
 Report Date: 11 Jul 2024

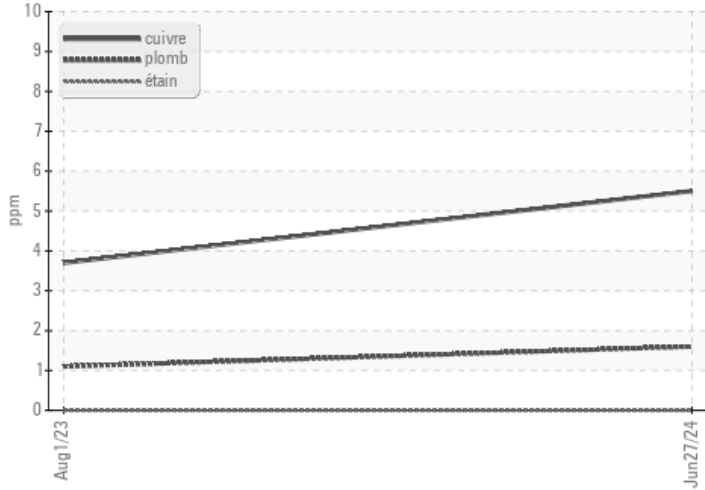


Graphs

Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

