

LIEBHERR

CONSTRUCTION EQUIPMENT



[(371127)] 137 622-1216 - Hydraulic System

Sample No: LH0288385

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



Information sur l'échantillon

Numéro d'échant.	LH0288385	LH0221623	---	---
Date d'échant.	07 Jun 2024	23 Jan 2023	---	---
Heures de la Machine	4549	1580	---	---
Heures de l'huile	0	0	---	---
Huile changée	Not Chngd	N/A	---	---
Statut de l'échant.	ABNORMAL	NORMAL	---	---

American Iron and Metal
100 INDUSTRIAL ROAD
NORTH BAY, ON
CA P1B 8K3
Contact: Service Manager



État d'huile

Visc 40°C	cSt	39.6	● 42.0	---	---
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T:
F:



Contamination

Eau	%	NEG	NEG	---	---
Particules >4μ		● 80212	● 3307	---	---
Particules >6μ		● 16917	● 733	---	---
Particules >14μ		● 268	● 67	---	---
ISO 4406:1999 (c)		24/21/15	19/17/13	---	---
Silicium	ppm	● 2	● 3	---	---
Sodium	ppm	● 2	● 2	---	---
Potassium	ppm	● <1	● <1	---	---

Diagnostic

We recommend you service the filters on this component. 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. Viscosity of sample indicates oil is within SAE 10W range, advise investigate. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.



Métaux d'usure

Fer	ppm	● 27	● 14	---	---
Cuivre	ppm	● 3	● 2	---	---
Plomb	ppm	● <1	● <1	---	---
Étain	ppm	● 0	● 0	---	---
Aluminium	ppm	● <1	● <1	---	---
Chrome	ppm	● <1	● 0	---	---
Molybdène	ppm	● 0	● 0	---	---
Nickel	ppm	● <1	● <1	---	---
Titane	ppm	0	0	---	---
Argent	ppm	0	0	---	---
Manganèse	ppm	● <1	● <1	---	---
Vanadium	ppm	0	0	---	---



Additifs

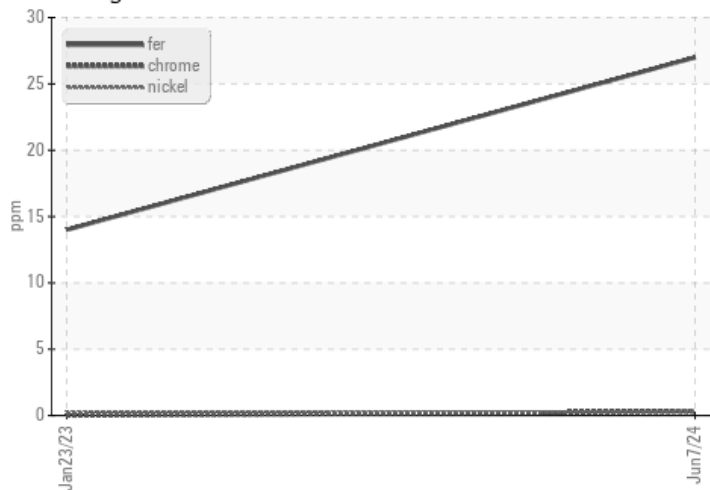
Calcium	ppm	● 825	● 1233	---	---
Magnésium	ppm	● 3	● 3	---	---
Zinc	ppm	● 651	● 658	---	---
Phosphore	ppm	● 542	● 625	---	---
Baryum	ppm	● <1	● 0	---	---
Bore	ppm	● 1	● <1	---	---

Depot: AIMNOR
Unique No: 5802151
Signed: Kevin Marson
Report Date: 02 Jul 2024

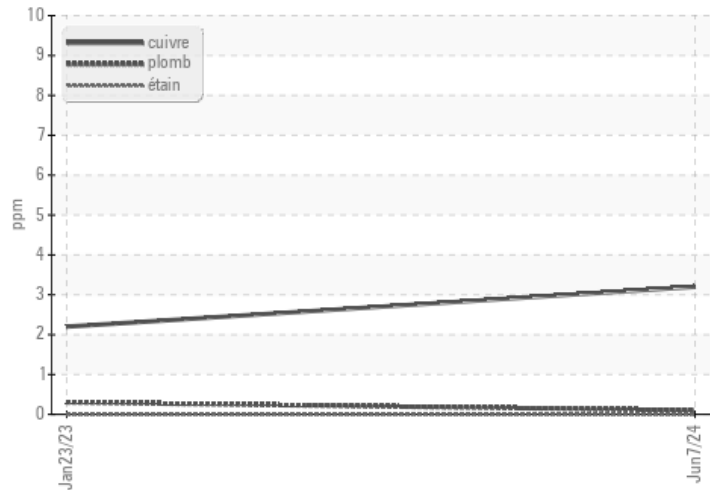


Graphs

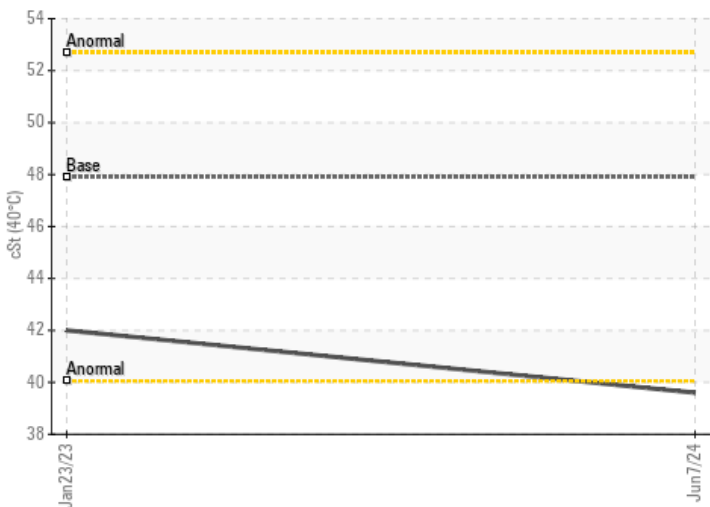
Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

