

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 139969-1253 - Hydraulic System

Sample No: LH0289813

Oil Type: PETRO CANADA HYDREX AW 32



METAUX 139 INC.
86 RTE MARIE-VICTORIN
PIERREVILLE, QC
CA J0G 1J0
Contact: Service Manager

T:
F:



Information sur l'échantillon

Numéro d'échant.	LH0289813	LH	---	---
Date d'échant.	15 May 2024	19 Oct 2023	---	---
Heures de la Machine	930	480	---	---
Heures de l'huile	0	0	---	---
Huile changée	Not Changd	N/A	---	---
Statut de l'échant.	ABNORMAL	NORMAL	---	---



État d'huile

Visc 40°C	cSt	43.7	44.3	---	---
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Contamination

Eau	%	0.051	NEG	---	---
Particules >4μ		44480	1400	---	---
Particules >6μ		20319	204	---	---
Particules >14μ		2065	6	---	---
ISO 4406:1999 (c)		23/22/18	18/15/10	---	---
Silicium	ppm	2	2	---	---
Sodium	ppm	2	1	---	---
Potassium	ppm	<1	<1	---	---



Métaux d'usure

Fer	ppm	12	10	---	---
Cuivre	ppm	6	3	---	---
Plomb	ppm	0	<1	---	---
Étain	ppm	0	0	---	---
Aluminium	ppm	<1	<1	---	---
Chrome	ppm	<1	0	---	---
Molybdène	ppm	0	0	---	---
Nickel	ppm	0	0	---	---
Titane	ppm	0	0	---	---
Argent	ppm	0	<1	---	---
Manganèse	ppm	<1	0	---	---
Vanadium	ppm	0	0	---	---



Additifs

Calcium	ppm	1095	1103	---	---
Magnésium	ppm	4	4	---	---
Zinc	ppm	651	647	---	---
Phosphore	ppm	560	571	---	---
Baryum	ppm	0	<1	---	---
Bore	ppm	<1	<1	---	---

Diagnostic

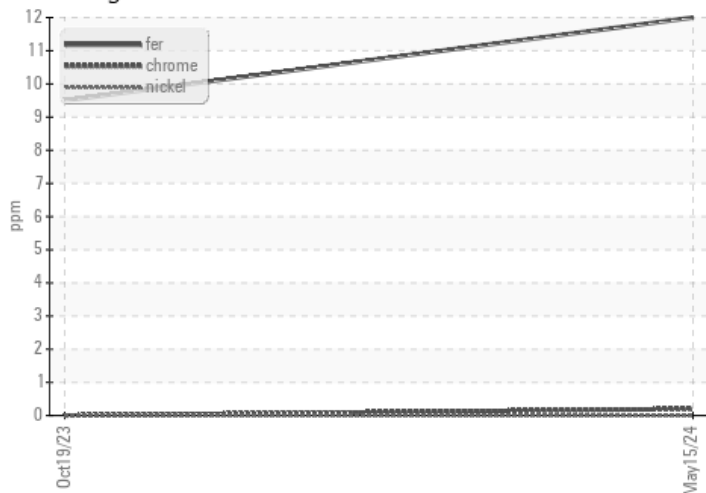
We advise that you perform a filter service, and use off-line filtration to improve the cleanliness of the system fluid. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition. All component wear rates are normal. There is a moderate amount of particulates (2 to 100 microns in size) present in the oil. The water content is negligible. Viscosity of sample indicates oil is within SAE 10W range, advise investigate. This plus the additive levels indicates that this is not the same brand, or type of oil as reported. The oil is still serviceable provided that the contaminant(s) can be reduced to acceptable levels.

Depot: MET126WIC
Unique No: 5785844
Signed: Kevin Marson
Report Date: 23 May 2024

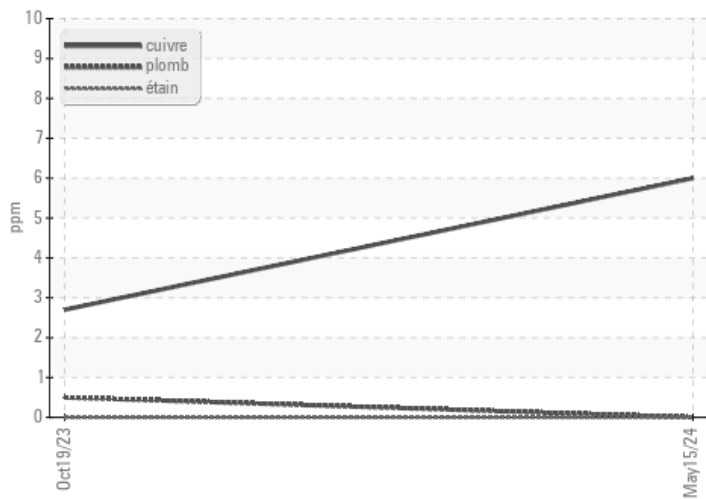


Graphs

Alliages ferreux



Métaux non-ferreux



Viscosité 40°C



Comptage de particules

