

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 145455-1253 - Hydraulic System

Sample No: LH0270074

Oil Type: PETRO CANADA HYDREX AW 32



METAL EXPRESS (9055-2480 QUEBEC INC)
254 RUE RICHARD-AUDET
ROXTON FALLS, QC
CA J0H 1E0
Contact: Service Manager

T: (450)522-5650
F:



SAMPLE INFORMATION

Sample Number	LH0270074	---	---	---
Sample Date	10 Jul 2023	---	---	---
Machine Hours	532	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	44.4	---	---	---
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CONTAMINATION

Particles >4µm		4319	---	---	---
Particles >6µm		790	---	---	---
Particles >14µm		23	---	---	---
ISO 4406:1999 (c)		19/17/12	---	---	---
Silicon	ppm	3	---	---	---
Sodium	ppm	2	---	---	---
Potassium	ppm	1	---	---	---



WEAR METALS

Iron	ppm	9	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1183	---	---	---
Magnesium	ppm	4	---	---	---
Zinc	ppm	736	---	---	---
Phosphorus	ppm	684	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	<1	---	---	---

Diagnosis

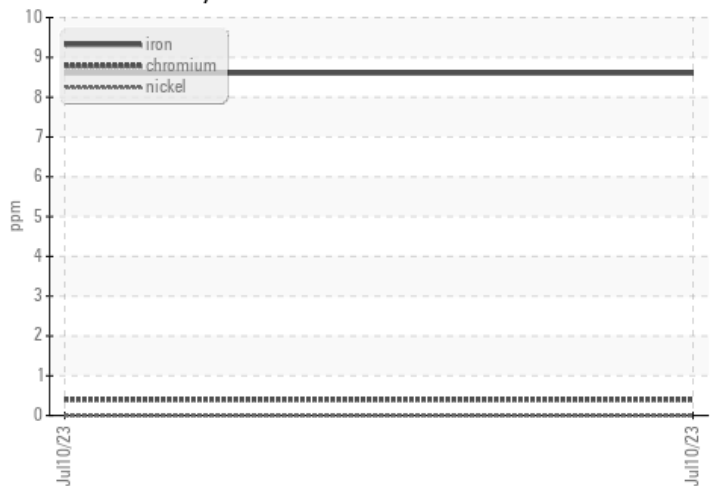
Confirm the source of the lubricant being utilized for top-up/fill. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable. La viscosité de l'huile est plus élevée que la normale. Ceci, en plus des niveaux d'additifs, indique que la marque ou le type d'huile ne correspond pas à ce qui a été signalé. L'état de l'huile est acceptable pour la durée de service.

Depot: METROX
Unique No: 5607193
Signed: Kevin Marson
Report Date: 14 Jul 2023

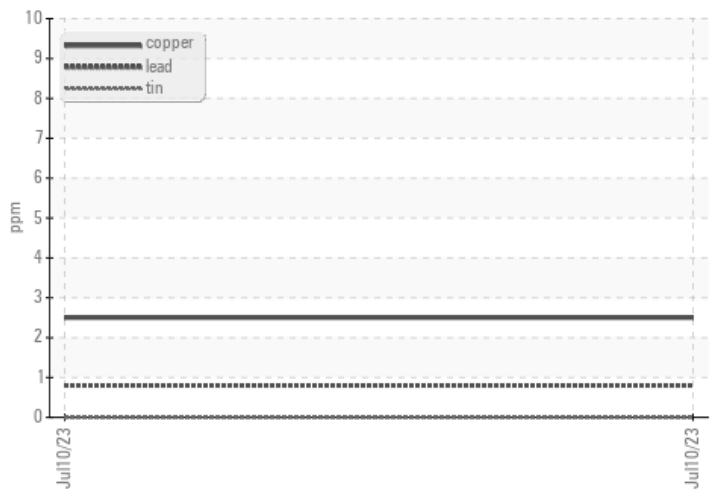


GRAPHS

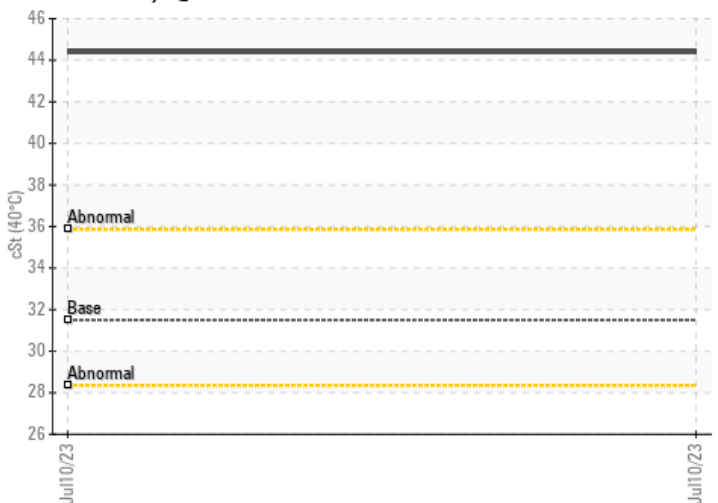
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

