

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 089259-1253 - Hydraulic System

Sample No: LH

Oil Type: PETRO CANADA HYDREX AW 32



Les Entreprises Forestiers
 23 rue Lamy
 St-Andre-LSJ, QC
 CA G0W 2K0
 Contact: Service

T:
 F:



SAMPLE INFORMATION

Sample Number	LH	---	---	---
Sample Date	30 Jul 2023	---	---	---
Machine Hours	17247	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---



OIL CONDITION

Visc @ 40°C	cSt	37.6	---	---	---
Acid Number (AN)	mg KOH/g	0.49	---	---	---



CONTAMINATION

Particles >4µm		3437	---	---	---
Particles >6µm		952	---	---	---
Particles >14µm		96	---	---	---
ISO 4406:1999 (c)		19/17/14	---	---	---
Silicon	ppm	<1	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	2	---	---	---



WEAR METALS

Iron	ppm	12	---	---	---
Copper	ppm	2	---	---	---
Lead	ppm	<1	---	---	---
Tin	ppm	0	---	---	---
Aluminum	ppm	<1	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	<1	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	<1	---	---	---
Manganese	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	108	---	---	---
Magnesium	ppm	6	---	---	---
Zinc	ppm	456	---	---	---
Phosphorus	ppm	398	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	1	---	---	---

Diagnosis

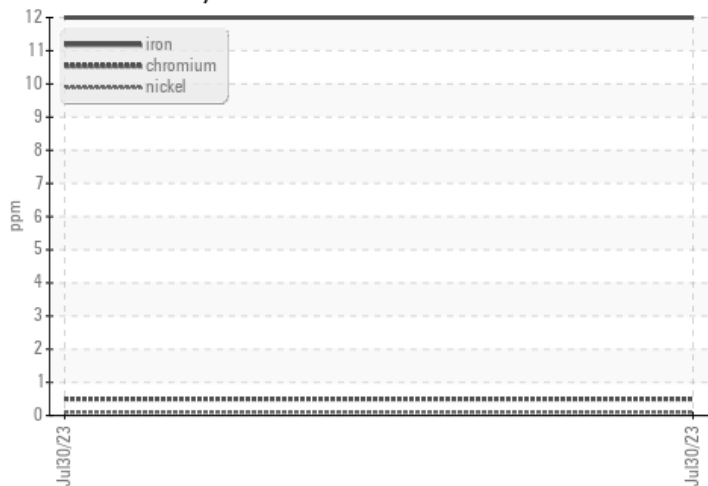
Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable. La viscosité de l'huile est plus élevée que la normale. Le AN est acceptable pour ce fluide. L'état de l'huile permet d'en prolonger l'utilisation.

Depot: LES23STA
Unique No: 5618280
Signed: Kevin Marson
Report Date: 01 Aug 2023

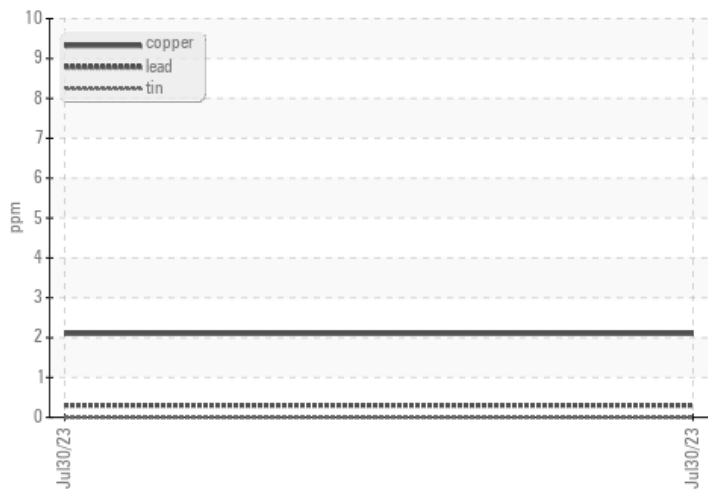


GRAPHS

Ferrous Alloys



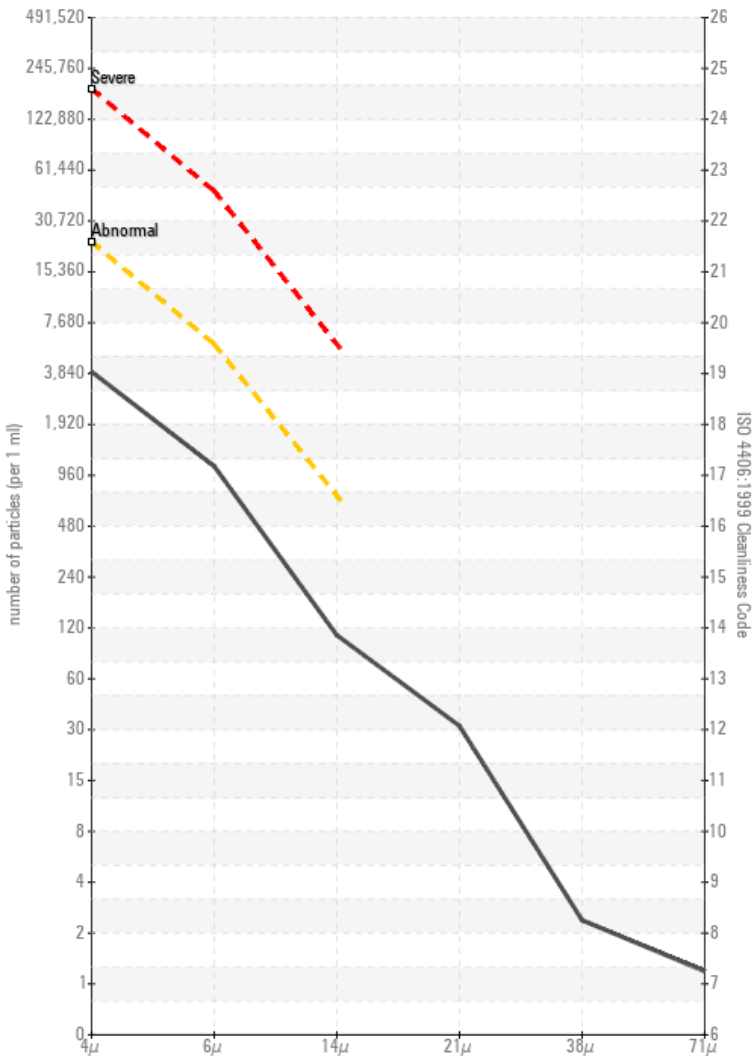
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

