

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 145951-1253 - Hydraulic System

Sample No: LH0279112

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



SAMPLE INFORMATION

Sample Number	LH0279112	---	---	---
Sample Date	18 Jan 2024	---	---	---
Machine Hours	248	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

Entreprise Forestiere Hubert & Latourelle Inc.
175 rue Alexandre
Thurso, QC
CA J0X 3B0
Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	● 47.3	---	---	---
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T:
F:



CONTAMINATION

Water	%	● 0.014	---	---	---
Particles >4µm		● 16480	---	---	---
Particles >6µm		● 2048	---	---	---
Particles >14µm		● 83	---	---	---
ISO 4406:1999 (c)		21/18/14	---	---	---
Silicon	ppm	● 3	---	---	---
Sodium	ppm	● 1	---	---	---
Potassium	ppm	● 8	---	---	---

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant. La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La teneur en eau est négligeable. La propreté du système et du fluide est acceptable. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

Iron	ppm	● 6	---	---	---
Copper	ppm	● 80	---	---	---
Lead	ppm	● 4	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 1	---	---	---
Chromium	ppm	● 0	---	---	---
Molybdenum	ppm	● 0	---	---	---
Nickel	ppm	● <1	---	---	---
Titanium	ppm	● 0	---	---	---
Silver	ppm	● <1	---	---	---
Manganese	ppm	● <1	---	---	---
Vanadium	ppm	● 0	---	---	---



ADDITIVES

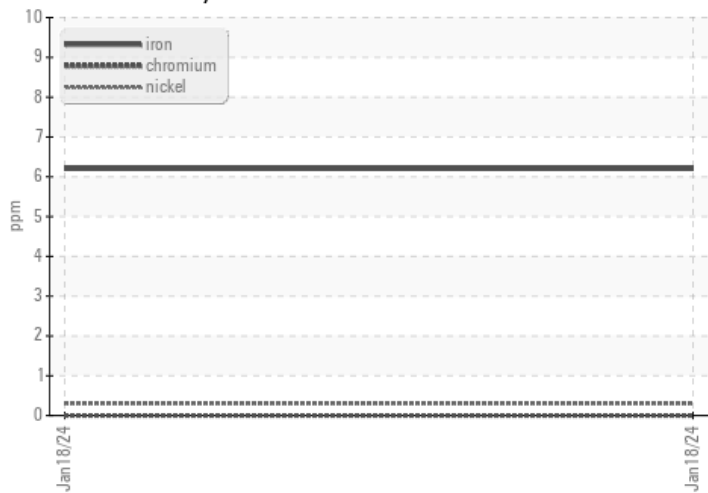
Calcium	ppm	● 635	---	---	---
Magnesium	ppm	● 2	---	---	---
Zinc	ppm	● 826	---	---	---
Phosphorus	ppm	● 660	---	---	---
Barium	ppm	● <1	---	---	---
Boron	ppm	● 23	---	---	---

Depot: ENTTHU
Unique No: 5711070
Signed: Kevin Marson
Report Date: 23 Jan 2024

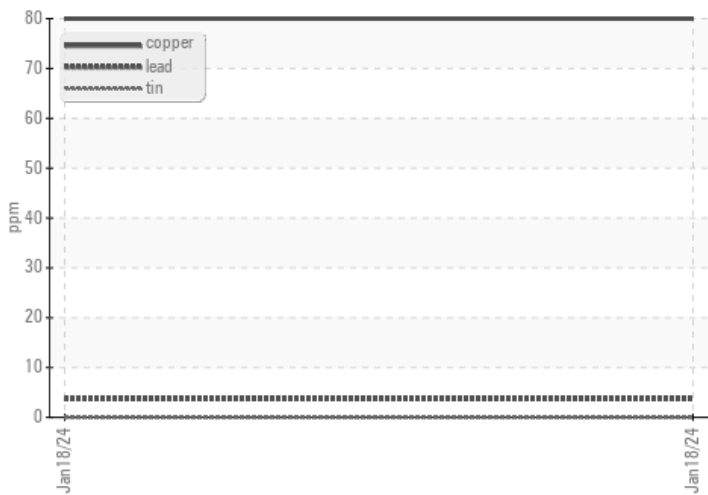


GRAPHS

Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

