

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L550 070714-1825 - Hydraulic System

Sample No: LH0248552

Oil Type: LIEBHERR HYDRAULIC HVI



SAMPLE INFORMATION

Sample Number	LH0248552	---	---	---
Sample Date	05 Dec 2023	---	---	---
Machine Hours	1384	---	---	---
Oil Hours	0	---	---	---
Oil Changed	Not Chngd	---	---	---
Sample Status	NORMAL	---	---	---

PAVAGES MASKA INC.

3450 BOULEVARD CHOQUETTE
 SAINT-HYACINTHE, QC
 CA J2S 8V9
 Contact: Guillaume St-Onge
 gstonge@pavagemaska.qc.ca
 T:
 F:



OIL CONDITION

Visc @ 40°C	cSt	44.4	---	---	---
Acid Number (AN)	mg KOH/g	1.22	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		6814	---	---	---
Particles >6µm		109	---	---	---
Particles >14µm		9	---	---	---
ISO 4406:1999 (c)		20/14/10	---	---	---
Silicon	ppm	10	---	---	---
Sodium	ppm	<1	---	---	---
Potassium	ppm	3	---	---	---

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. Le AN est acceptable pour ce fluide. L'état de l'huile permet d'en prolonger l'utilisation.



WEAR METALS

Iron	ppm	9	---	---	---
Copper	ppm	3	---	---	---
Lead	ppm	4	---	---	---
Tin	ppm	<1	---	---	---
Aluminum	ppm	6	---	---	---
Chromium	ppm	<1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	<1	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

Calcium	ppm	1296	---	---	---
Magnesium	ppm	5	---	---	---
Zinc	ppm	657	---	---	---
Phosphorus	ppm	589	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	<1	---	---	---

Depot: PAVSAI
 Unique No: 5708945
 Signed: Wes Davis
 Report Date: 12 Jan 2024

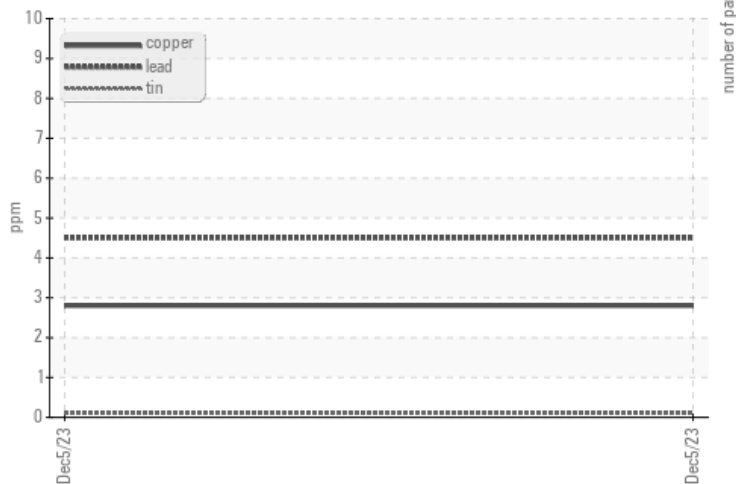


GRAPHS

Ferrous Alloys



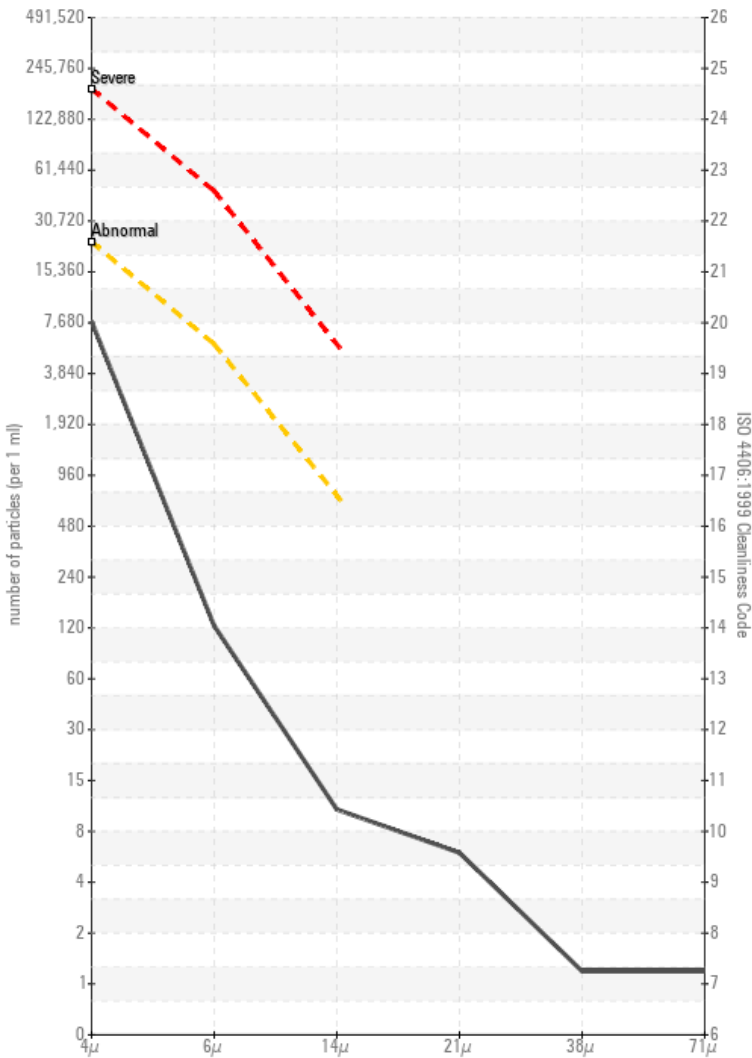
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

