

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH50M 145793-1216 - Hydraulic System

Sample No: LH
Oil Type: NOT GIVEN



PF Resolu Canada Inc.
5850 avenue des jardins
La Dore, QC
CA G8J 1B4
Contact: Dominic Caron



SAMPLE INFORMATION

Sample Number	LH	LH	LH0259743	---
Sample Date	02 Aug 2023	04 Jul 2023	17 May 2023	---
Machine Hours	2500	2000	1020	---
Oil Hours	0	0	0	---
Oil Changed	Not Changd	N/A	Not Changd	---
Sample Status	NORMAL	NORMAL	NORMAL	---



OIL CONDITION

Visc @ 40°C	cSt	● 44.4	● 44.2	● 45.3	---
Acid Number (AN)	mg KOH/g	---	---	● 1.17	---



CONTAMINATION

Water	%	---	---	● 0.012	---
Particles >4µm		● 5513	● 4426	● 1203	---
Particles >6µm		● 1651	● 1004	● 187	---
Particles >14µm		● 140	● 51	● 8	---
ISO 4406:1999 (c)		20/18/14	19/17/13	17/15/10	---
Silicon	ppm	● 4	● 4	● 3	---
Sodium	ppm	● 3	● 2	● 1	---
Potassium	ppm	● 2	● 1	● <1	---



WEAR METALS

Iron	ppm	● 10	● 9	● 8	---
Copper	ppm	● 2	● 2	● 1	---
Lead	ppm	● <1	● <1	● <1	---
Tin	ppm	● 0	● 0	● 0	---
Aluminum	ppm	● 1	● <1	● <1	---
Chromium	ppm	● <1	● <1	● 0	---
Molybdenum	ppm	<1	0	0	---
Nickel	ppm	● 0	● <1	● 0	---
Titanium	ppm	0	0	<1	---
Silver	ppm	0	0	0	---
Manganese	ppm	<1	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	1477	1496	1578	---
Magnesium	ppm	7	5	4	---
Zinc	ppm	721	735	730	---
Phosphorus	ppm	668	688	726	---
Barium	ppm	0	0	0	---
Boron	ppm	<1	<1	<1	---

T:
F:

Diagnosis

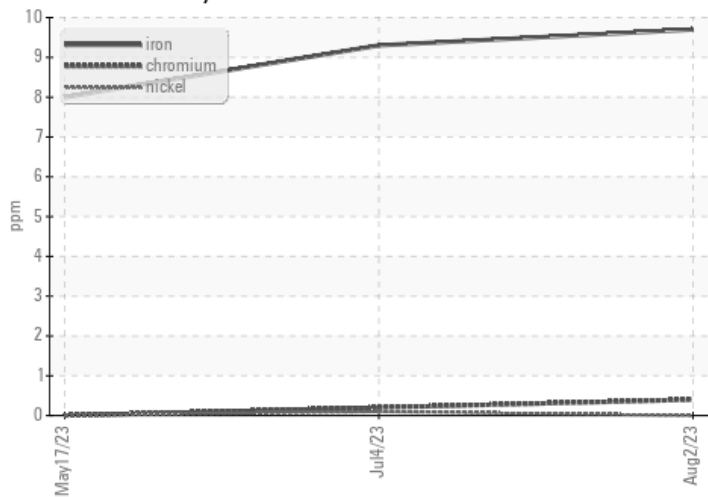
Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La teneur en eau est négligeable. La propreté du système et du fluide est acceptable. L'état de l'huile est acceptable pour la durée de service.

Depot: ABILAD
Unique No: 5619592
Signed: Kevin Marson
Report Date: 09 Aug 2023

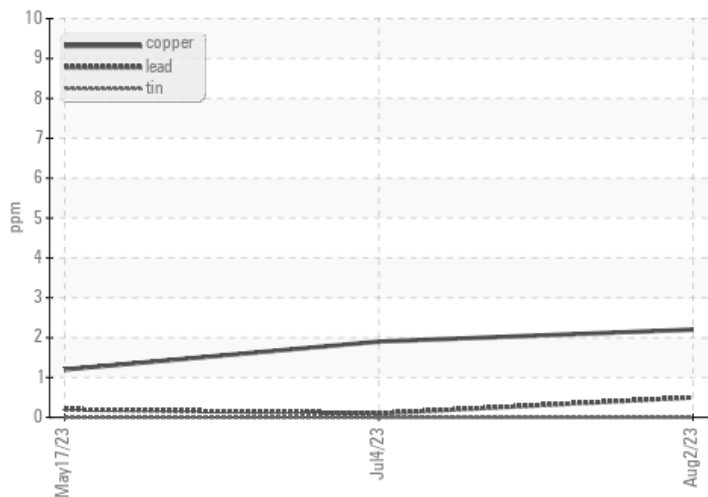


GRAPHS

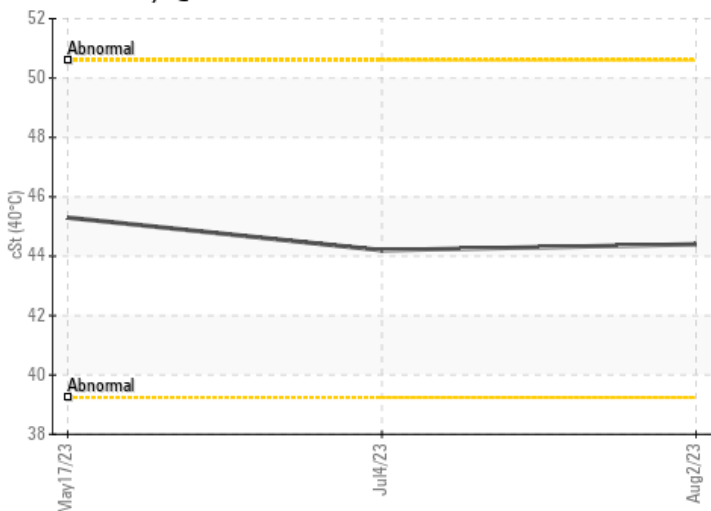
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

