

LIEBHERR

CONSTRUCTION EQUIPMENT



[(352615)] LIEBHERR LH50M 131737-1216 - Hydraulic System

Sample No: LH

Oil Type: LIEBHERR HYDRAULIC HVI



SAMPLE INFORMATION

Sample Number	LH	LH0274195	LH0256433	---
Sample Date	06 Feb 2024	27 Sep 2023	03 Apr 2023	---
Machine Hours	2904	2467	2028	---
Oil Hours	0	0	0	---
Oil Changed	N/A	Not Changd	Not Changd	---
Sample Status	NORMAL	NORMAL	ABNORMAL	---

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



OIL CONDITION

Visc @ 40°C	cSt	43.2	43.3	43.2	---
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T: (450)522-5650
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	---
Particles >4µm		1291	5278	43096	---
Particles >6µm		443	1455	12001	---
Particles >14µm		40	84	307	---
ISO 4406:1999 (c)		17/16/12	20/18/14	23/21/15	---
Silicon	ppm	2	2	2	---
Sodium	ppm	1	2	1	---
Potassium	ppm	1	0	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. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

Iron	ppm	13	12	12	---
Copper	ppm	3	3	4	---
Lead	ppm	<1	1	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	1	<1	<1	---
Chromium	ppm	<1	<1	0	---
Molybdenum	ppm	0	0	0	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	0	<1	0	---
Manganese	ppm	0	0	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

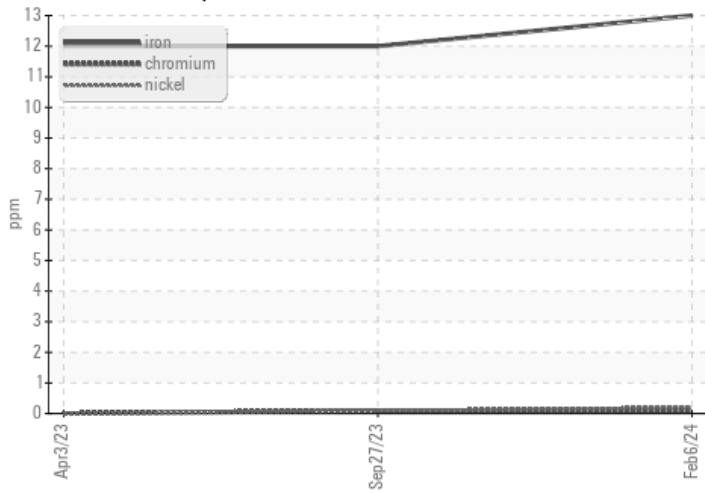
Calcium	ppm	992	1085	1284	---
Magnesium	ppm	3	4	3	---
Zinc	ppm	648	645	651	---
Phosphorus	ppm	565	580	629	---
Barium	ppm	0	<1	0	---
Boron	ppm	<1	<1	<1	---

Depot: METROX
Unique No: 5723740
Signed: Wes Davis
Report Date: 12 Feb 2024

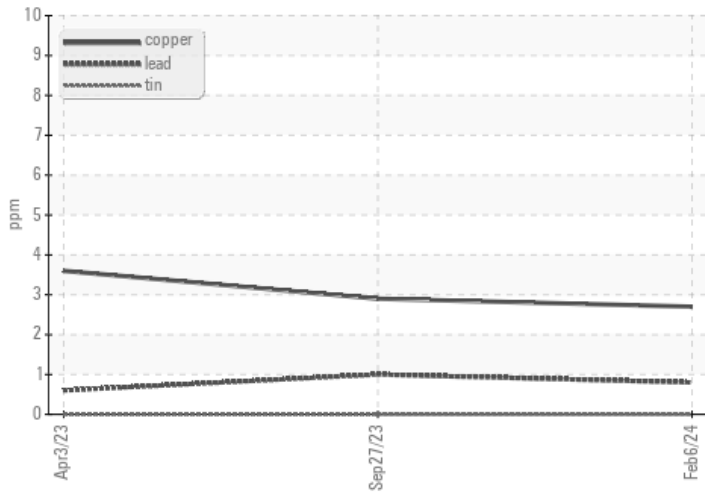


GRAPHS

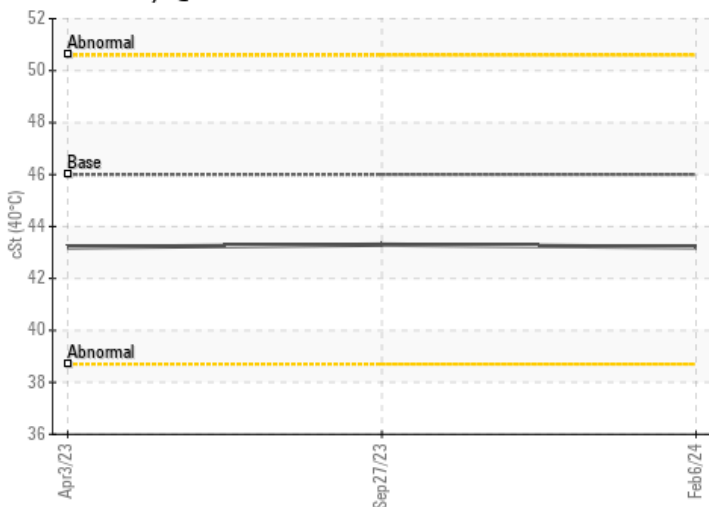
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

