

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH26M 146752-1252 - Hydraulic System

Sample No: LH0266481

Oil Type: TOTAL EQUIVIS SMG 46



J.M. CHAMPEAU INC.

491 ROUTE 253
SAINT-MALO, QC
CA J0B 2Y0

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SAMPLE INFORMATION

Sample Number	LH0266481	LH0266470	---	---
Sample Date	30 Jan 2024	16 Oct 2023	---	---
Machine Hours	2021	1053	---	---
Oil Hours	0	0	---	---
Oil Changed	Not Changd	N/A	---	---
Sample Status	ATTENTION	NORMAL	---	---



OIL CONDITION

Visc @ 40°C	cSt	● 42.7	● 43.6	---	---
Acid Number (AN)	mg KOH/g	● 1.30	● 1.46	---	---



CONTAMINATION

Water	%	NEG	NEG	---	---
Particles >4µm		● 25246	● 16597	---	---
Particles >6µm		● 2377	● 1739	---	---
Particles >14µm		● 37	● 14	---	---
ISO 4406:1999 (c)		22/18/12	21/18/11	---	---
Silicon	ppm	● 5	● 5	---	---
Sodium	ppm	● 2	● 2	---	---
Potassium	ppm	● 2	● 2	---	---



WEAR METALS

Iron	ppm	● 13	● 10	---	---
Copper	ppm	● 3	● 3	---	---
Lead	ppm	● <1	● <1	---	---
Tin	ppm	● 0	● 0	---	---
Aluminum	ppm	● 1	● 1	---	---
Chromium	ppm	● <1	● 0	---	---
Molybdenum	ppm	0	0	---	---
Nickel	ppm	● 0	● <1	---	---
Titanium	ppm	0	0	---	---
Silver	ppm	0	0	---	---
Manganese	ppm	0	0	---	---
Vanadium	ppm	0	0	---	---



ADDITIVES

Calcium	ppm	1274	1347	---	---
Magnesium	ppm	6	6	---	---
Zinc	ppm	682	708	---	---
Phosphorus	ppm	609	628	---	---
Barium	ppm	0	0	---	---
Boron	ppm	<1	<1	---	---

Diagnosis

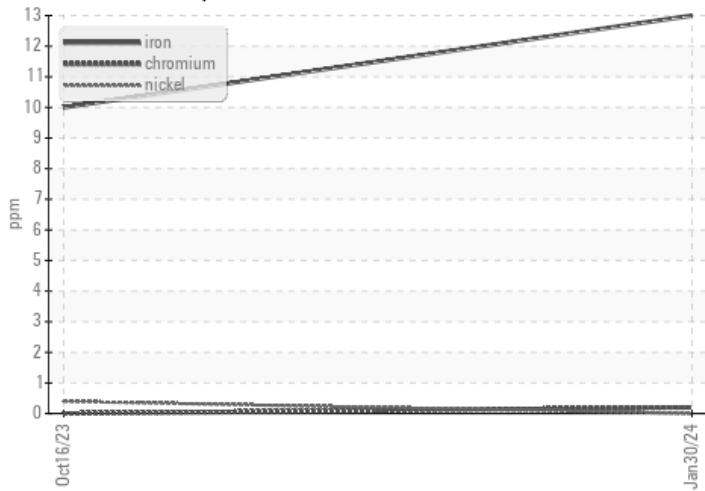
Nous avons pris note que le filtre a été remplacé au moment de l'échantillonnage. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. Il y a une légère quantité de limon (particules de 4 à 14 microns) dans l'huile. Le AN est acceptable pour ce fluide. L'état de l'huile permet d'en prolonger l'utilisation.

Depot: CHASTM
Unique No: 5724142
Signed: Wes Davis
Report Date: 13 Feb 2024

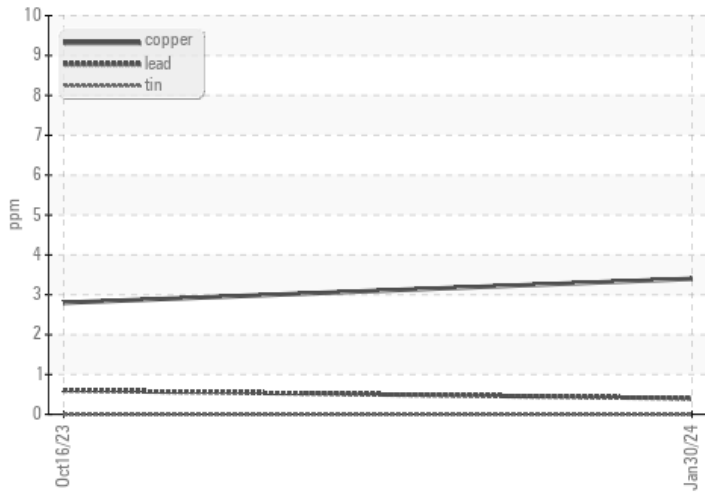


GRAPHS

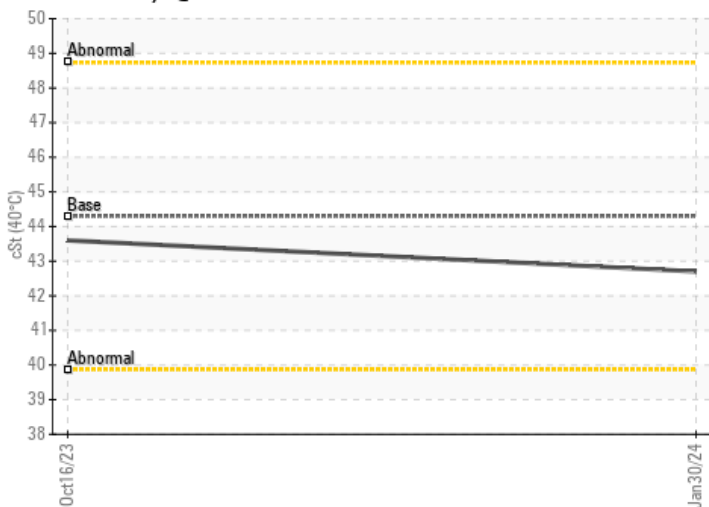
Ferrous Alloys



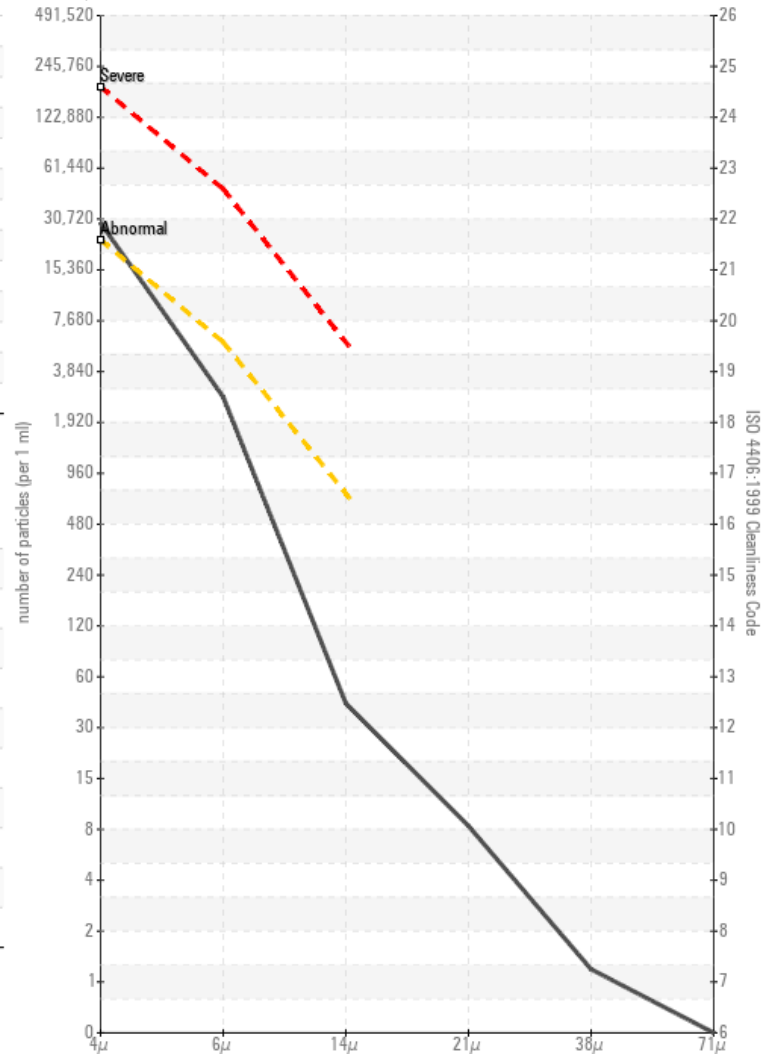
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

