

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L546 071748-1755 - Hydraulic System

Sample No: LH0259426

Oil Type: {unknown}



SAMPLE INFORMATION

Sample Number	LH0259426	---	---	---
Sample Date	24 Jan 2024	---	---	---
Machine Hours	1400	---	---	---
Oil Hours	0	---	---	---
Oil Changed	N/A	---	---	---
Sample Status	ABNORMAL	---	---	---

Recyclage de Metaux Integre Inc. - RMI Inc.
 4700 rue Armand-Frappier, SuiteT
 Saint-Hubert, QC
 CA J3Z 1G5
 Contact: Paul Germain
 pgermain@rmi-imr.com
 T: (450)656-6666
 F:



OIL CONDITION

Visc @ 40°C	cSt	● 43.2	---	---	---
Acid Number (AN)	mg KOH/g	● 1.43	---	---	---



CONTAMINATION

Water	%	NEG	---	---	---
Particles >4µm		● 63217	---	---	---
Particles >6µm		● 4142	---	---	---
Particles >14µm		● 35	---	---	---
ISO 4406:1999 (c)		23/19/12	---	---	---
Silicon	ppm	● 3	---	---	---
Sodium	ppm	● 1	---	---	---
Potassium	ppm	● 1	---	---	---

Diagnosis

Nous recommandons le remplacement des filtres de ce composant. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation. Veuillez préciser la marque, le type et la viscosité de l'huile lors de votre prochain échantillon. Les taux d'usure de tous les composants sont normaux. Il y a une quantité modérée de particules (de 4 à 14 microns) dans l'huile. Le AN est acceptable pour ce fluide. l'huile peut encore servir si la contamination peut être réduite à un niveau acceptable.



WEAR METALS

Iron	ppm	● 11	---	---	---
Copper	ppm	● 3	---	---	---
Lead	ppm	● 2	---	---	---
Tin	ppm	● 0	---	---	---
Aluminum	ppm	● 1	---	---	---
Chromium	ppm	● 1	---	---	---
Molybdenum	ppm	0	---	---	---
Nickel	ppm	● 0	---	---	---
Titanium	ppm	0	---	---	---
Silver	ppm	0	---	---	---
Manganese	ppm	0	---	---	---
Vanadium	ppm	0	---	---	---



ADDITIVES

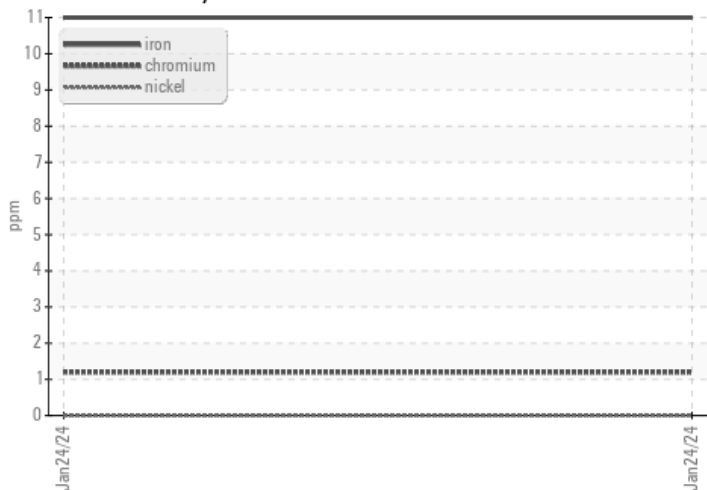
Calcium	ppm	1301	---	---	---
Magnesium	ppm	6	---	---	---
Zinc	ppm	660	---	---	---
Phosphorus	ppm	602	---	---	---
Barium	ppm	0	---	---	---
Boron	ppm	<1	---	---	---

Depot: REC470SAI
 Unique No: 5724140
 Signed: Wes Davis
 Report Date: 13 Feb 2024

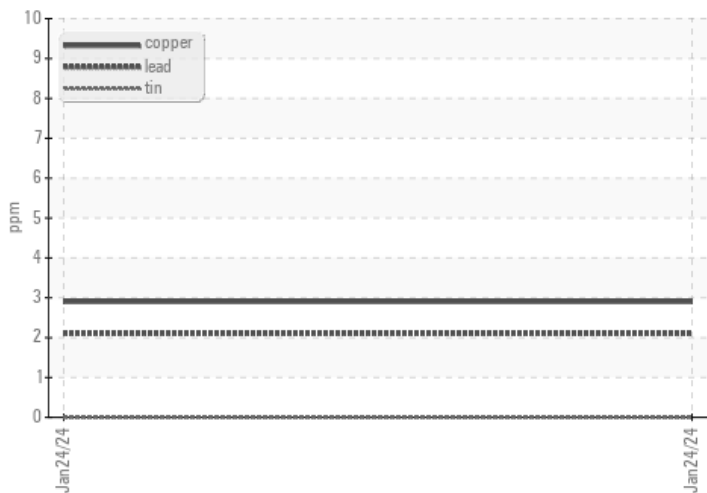


GRAPHS

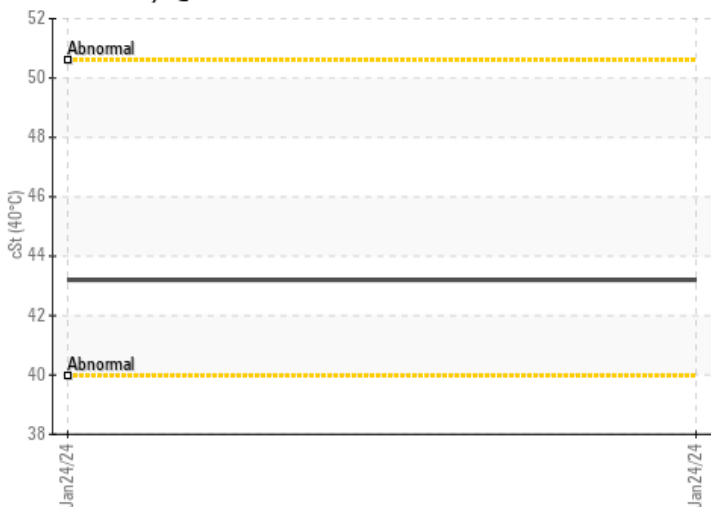
Ferrous Alloys



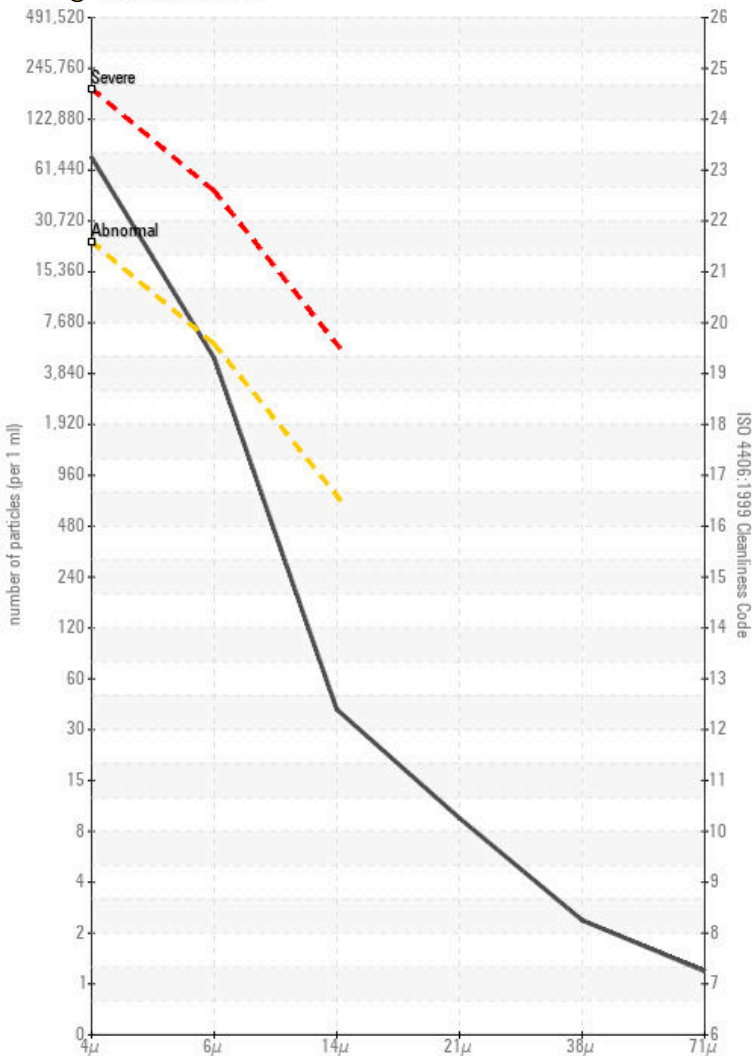
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

