

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 143328-1253 - Hydraulic System

Sample No: LH0247991

Oil Type: TOTAL FINA EQUIVIS SMG ISO 32



SAMPLE INFORMATION

Sample Number	LH0247991	LH0247979	LH0247967	---
Sample Date	21 Jun 2023	04 Mar 2023	27 Feb 2023	---
Machine Hours	2974	1918	1406	---
Oil Hours	0	0	0	---
Oil Changed	Not Changd	Not Changd	N/A	---
Sample Status	NORMAL	NORMAL	NORMAL	---

Scierie Girard Inc.

5872 Rte. Bouleaux (Route 172)

Shipshaw, QC

CA G7P 1E3

Contact: Service

benoit@scieriegirard.com

T:

F:



OIL CONDITION

Visc @ 40°C	cSt	37.1	38.3	41.3	---
Acid Number (AN)	mg KOH/g	1.08	1.45	1.21	---



CONTAMINATION

Particles >4µm		2153	10472	2511	---
Particles >6µm		476	1160	536	---
Particles >14µm		20	32	100	---
ISO 4406:1999 (c)		18/16/11	21/17/12	19/16/14	---
Silicon	ppm	3	2	3	---
Sodium	ppm	2	1	2	---
Potassium	ppm	<1	0	<1	---



WEAR METALS

Iron	ppm	24	26	28	---
Copper	ppm	4	3	3	---
Lead	ppm	<1	<1	<1	---
Tin	ppm	0	0	0	---
Aluminum	ppm	<1	<1	<1	---
Chromium	ppm	2	1	<1	---
Molybdenum	ppm	0	<1	0	---
Nickel	ppm	<1	<1	0	---
Titanium	ppm	0	0	0	---
Silver	ppm	<1	0	0	---
Manganese	ppm	0	<1	<1	---
Vanadium	ppm	0	0	0	---



ADDITIVES

Calcium	ppm	1013	1116	1337	---
Magnesium	ppm	5	5	4	---
Zinc	ppm	630	637	677	---
Phosphorus	ppm	540	608	654	---
Barium	ppm	<1	0	0	---
Boron	ppm	1	<1	<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. Le AN est acceptable pour ce fluide. L'état de l'huile permet d'en prolonger l'utilisation.

Depot: SCISHI

Unique No: 5671324

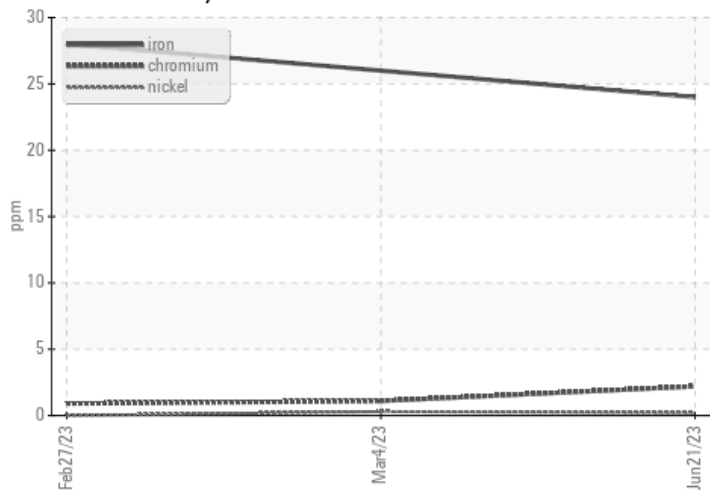
Signed: Bill Quesnel

Report Date: 10 Nov 2023

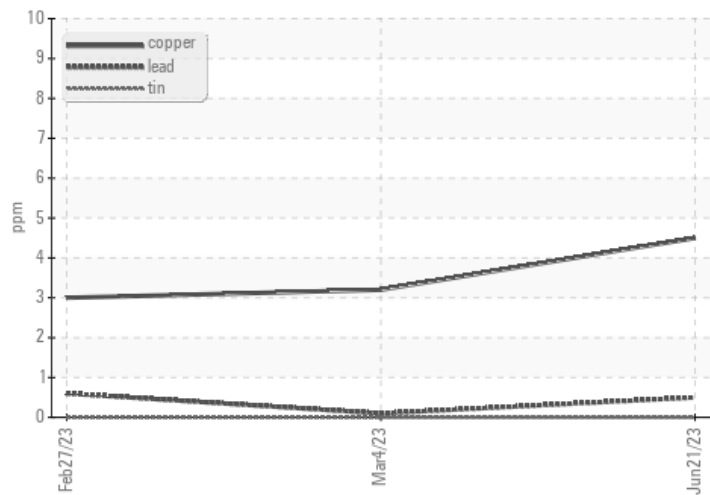


GRAPHS

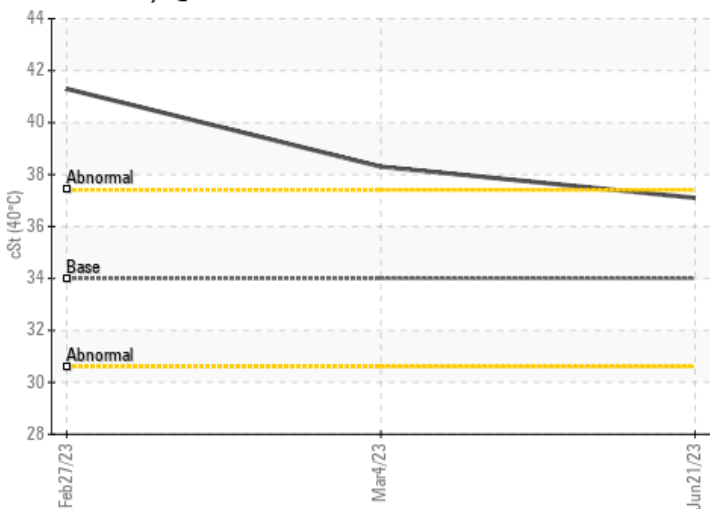
Ferrous Alloys



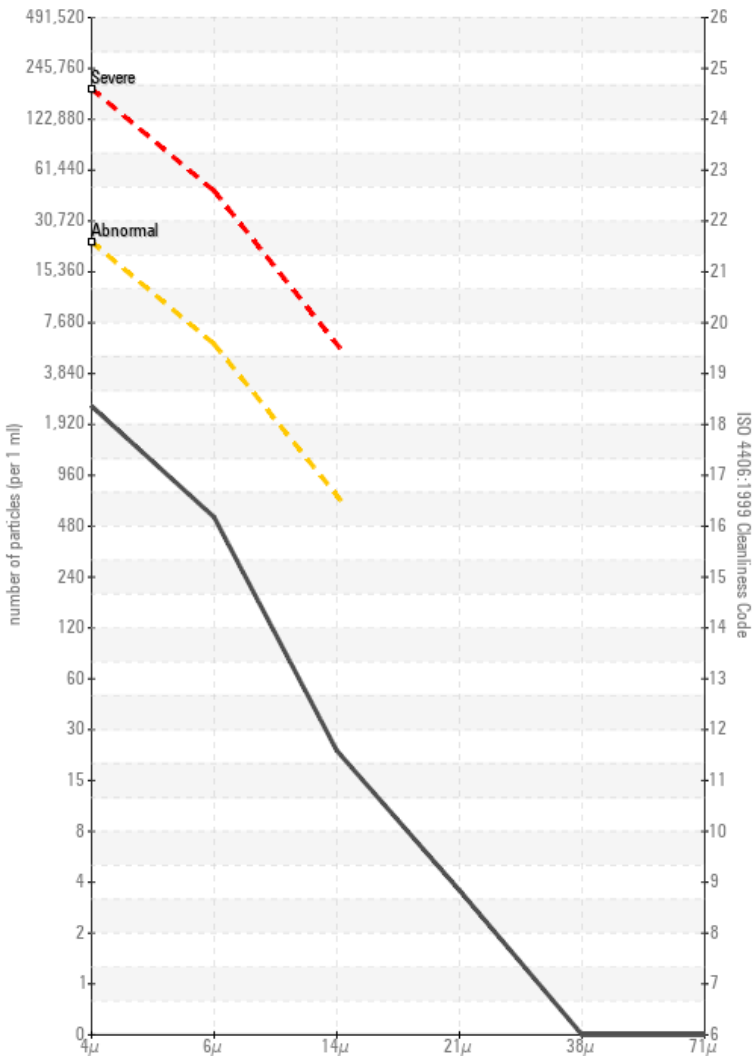
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

