

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR L556 035180 - Hydraulic System

Sample No: LH

Oil Type: AW HYDRAULIC OIL ISO 32



SAMPLE INFORMATION

Sample Number	LH	LH0130309	LH	LH0110317
Sample Date	13 Oct 2023	10 Jul 2018	15 Jan 2018	13 Sep 2017
Machine Hours	0	0	17967	16477
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	ATTENTION	NORMAL

TAFISA CANADA

4660 RUE VILLENEUVE
LAC MEGANTIC, QC
CA G6B 2C3
Contact: Martin Cameron
mcameron@tafisa.ca
T: (819)583-2930
F: (819)583-2931



OIL CONDITION

Visc @ 40°C	cSt	32.2	43.3	42.5	43.3
-------------	-----	------	------	------	------



CONTAMINATION

Particles >4µm		9695	10331	20950	4386
Particles >6µm		635	2842	6164	882
Particles >14µm		26	210	486	49
ISO 4406:1999 (c)		20/16/12	21/19/15	22/20/16	19/17/13
Silicon	ppm	<1	<1	<1	<1
Sodium	ppm	1	1	2	2
Potassium	ppm	0	<1	<1	0



WEAR METALS

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



ADDITIVES

Calcium	ppm	48	55	66	69
Magnesium	ppm	56	2	3	<1
Zinc	ppm	357	445	476	547
Phosphorus	ppm	293	422	371	433
Barium	ppm	<1	0	0	<1
Boron	ppm	<1	<1	<1	1

Diagnosis

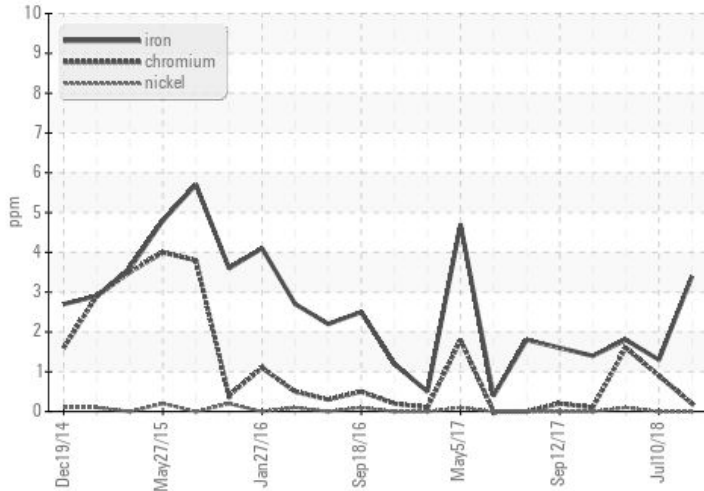
Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable. L'état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

Depot: TAFLAC
Unique No: 5658735
Signed: Kevin Marson
Report Date: 18 Oct 2023

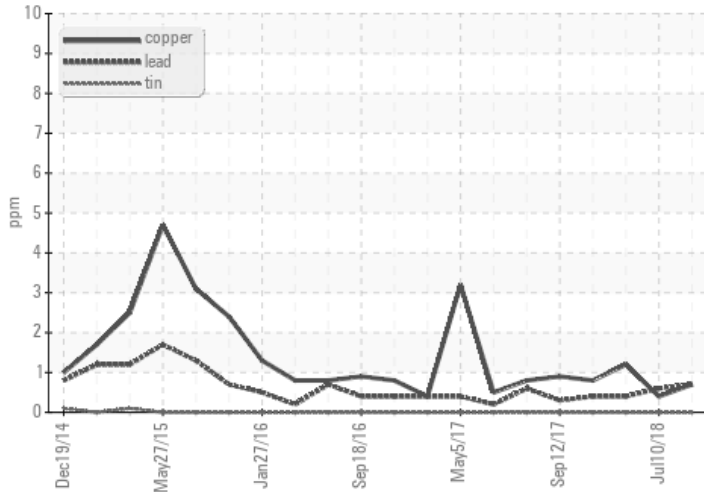


GRAPHS

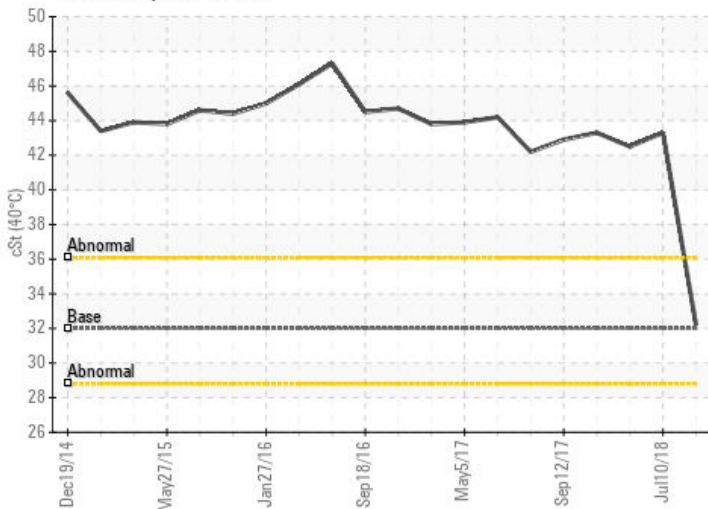
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

