

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH30M 100033-1253 - Hydraulic System

Sample No: LH0265490

Oil Type: AW HYDRAULIC OIL ISO 46



LES INDUSTRIES MAIBEC INC.
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 ST-PAMPHILLE, QC
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SAMPLE INFORMATION

Sample Number	LH0265490	LH	LH0248356	LH0226992
Sample Date	14 Jul 2023	03 May 2023	20 Feb 2023	12 May 2022
Machine Hours	11556	0	10585	0
Oil Hours	0	0	0	0
Oil Changed	Not Changd	N/A	Not Changd	N/A
Sample Status	NORMAL	NORMAL	ABNORMAL	NORMAL



OIL CONDITION

Visc @ 40°C	cSt	43.2	43.6	44.3	42.7
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CONTAMINATION

Particles >4µm		6026	841	2030	6508
Particles >6µm		1572	187	570	1026
Particles >14µm		59	11	48	56
ISO 4406:1999 (c)		20/18/13	17/15/11	18/16/13	20/17/13
Silicon	ppm	1	1	1	2
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	<1	<1	0	<1



WEAR METALS

PQ		---	---	---	0
Iron	ppm	39	36	32	54
Copper	ppm	4	4	3	6
Lead	ppm	<1	<1	<1	<1
Tin	ppm	0	<1	0	<1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

Calcium	ppm	190	201	206	343
Magnesium	ppm	2	1	2	3
Zinc	ppm	805	800	818	806
Phosphorus	ppm	674	693	705	676
Barium	ppm	0	0	0	0
Boron	ppm	<1	<1	<1	<1

Diagnosis

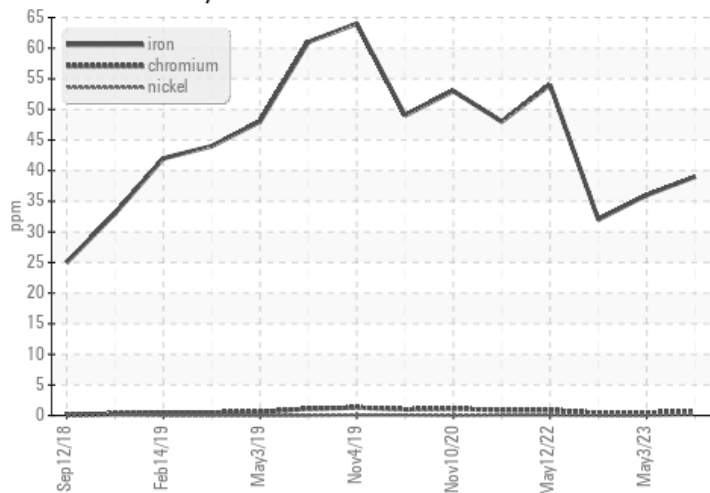
Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux d'usure de tous les composants sont normaux. La propreté du système est acceptable pour votre objectif de propreté ISO 4406. La propreté du système et du fluide est acceptable. L'état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

Depot: LESSTP
 Unique No: 5616295
 Signed: Kevin Marson
 Report Date: 21 Jul 2023

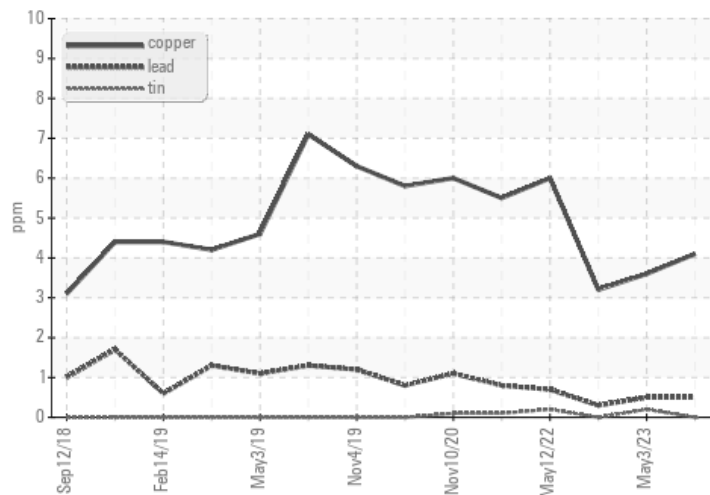


GRAPHS

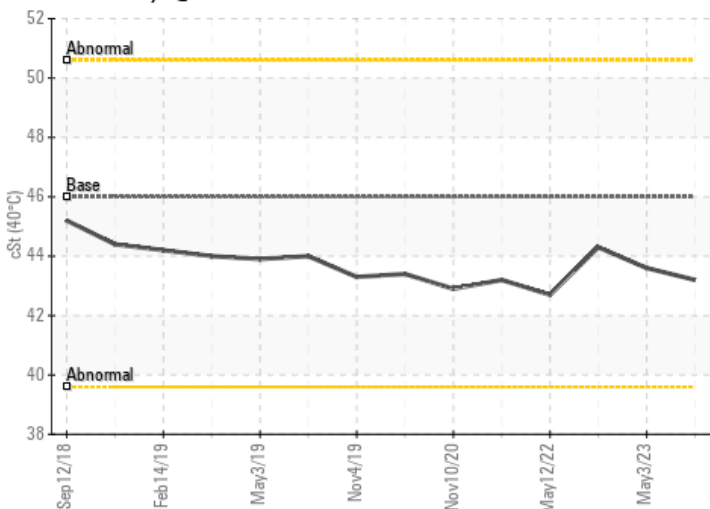
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

