LIEBHERR
CONSTRUCTION EQUIPMENT

[(375709)] LIEBHERR L586 065995-1761 - Hydraulic System

Sample No: LH0261139

Oil Type: LIEBHERR HYDRAULIC HVI

CONSTRUCTION DJL
580 RANG DES 25 EST
ST-BRUNO DE MONTARVILLE, QC
CA J3V 0G6
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T: (438)886-7612
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SAMPLE INFORMATION

Sample Number		**LH0261139**	LH0256480	LH0250887	LH0235448
Sample Date		**23 Jun 2023**	22 Mar 2023	10 Jan 2023	07 Jul 2022
Machine Hours		**0**	2092	1662	527
Oil Hours		**0**	0	500	0
Oil Changed		**Changed**	Changed	Not Changd	Not Changd
Sample Status		**NORMAL**	NORMAL	ATTENTION	NORMAL

OIL CONDITION

Visc @ 40°C	cSt	**43.1**	43.2	43.5	45.0

CONTAMINATION

Water	%	**---**	0.015	---	---
Particles >4µm		**3073**	8504	29633	7085
Particles >6µm		**292**	591	7408	139
Particles >14µm		**15**	15	515	13
ISO 4406:1999 (c)		**19/15/11**	20/16/11	22/20/16	20/14/11
Silicon	ppm	**8**	7	11	4
Sodium	ppm	**2**	2	2	2
Potassium	ppm	**2**	2	2	6

WEAR METALS

Iron	ppm	**15**	14	14	8
Copper	ppm	**3**	3	2	2
Lead	ppm	**8**	7	7	4
Tin	ppm	**<1**	<1	<1	<1
Aluminum	ppm	**3**	3	3	1
Chromium	ppm	**1**	<1	<1	<1
Molybdenum	ppm	**0**	0	<1	0
Nickel	ppm	**0**	<1	0	0
Titanium	ppm	**<1**	<1	<1	<1
Silver	ppm	**0**	0	0	0
Manganese	ppm	**<1**	<1	<1	<1
Vanadium	ppm	**0**	0	0	0

ADDITIVES

Calcium	ppm	**1314**	1408	1370	1419
Magnesium	ppm	**6**	5	9	4
Zinc	ppm	**710**	720	703	708
Phosphorus	ppm	**641**	687	677	635
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: CON580STB
Unique No: 5605055
Signed: Wes Davis
Report Date: 06 Jul 2023

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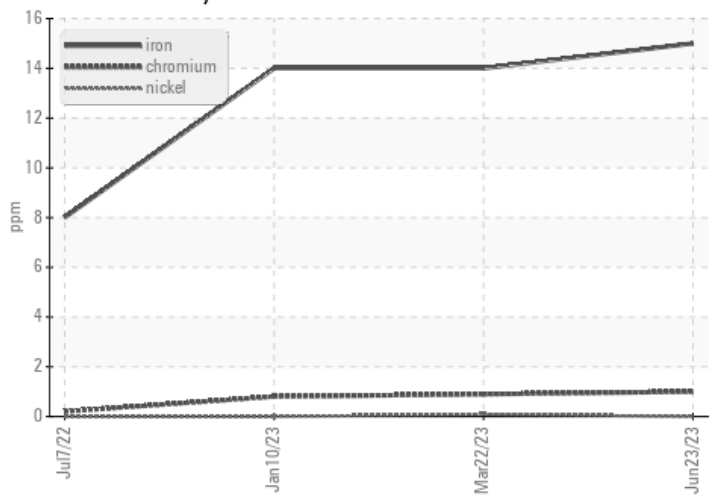
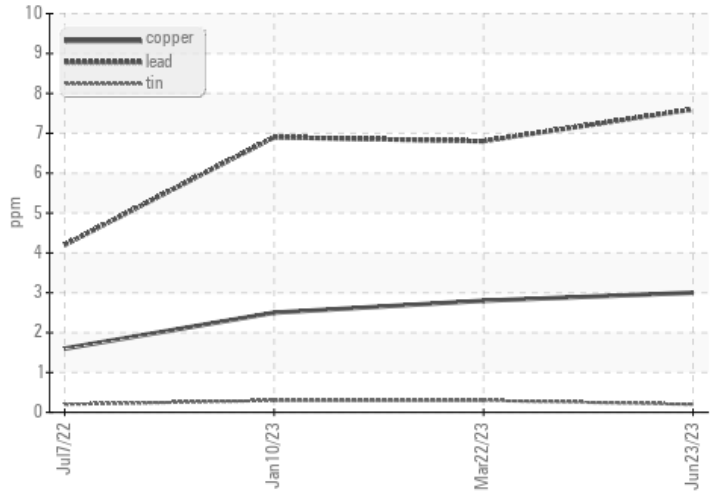
CONSTRUCTION EQUIPMENT

GRAPHS

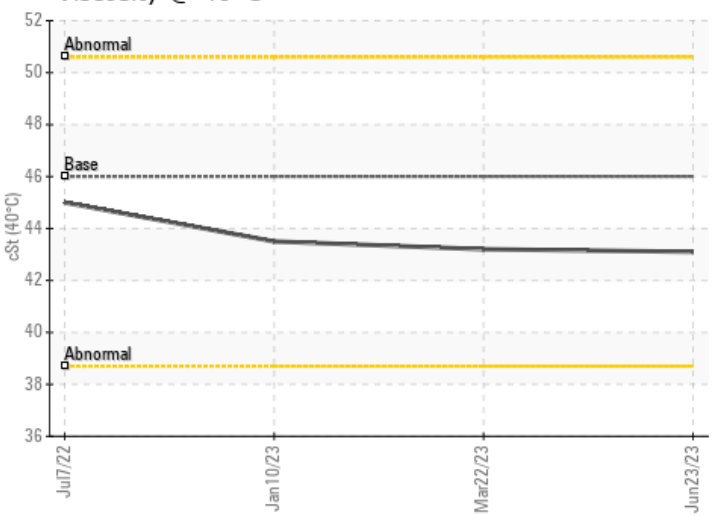
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count