

LIEBHERR

CONSTRUCTION EQUIPMENT



[(351037)] LIEBHERR L566 062319-1758 - Hydraulic System

Sample No: LH
Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH	LH	LH0205193	LH0203635
Sample Date	16 Nov 2023	06 Feb 2023	12 Apr 2022	03 Aug 2021
Machine Hours	9323	0	4000	0
Oil Hours	0	0	0	0
Oil Changed	N/A	N/A	N/A	N/A
Sample Status	NORMAL	NORMAL	ABNORMAL	ATTENTION

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1492, Boul. Vachon S.
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OIL CONDITION

Visc @ 40°C	cSt	44.0	45.1	43.9	45.1
Acid Number (AN)	mg KOH/g	---	---	1.17	---



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Particles >4µm		6045	18858	86920	21010
Particles >6µm		1422	1969	38216	1461
Particles >14µm		89	27	4425	27
ISO 4406:1999 (c)		20/18/14	21/18/12	24/22/19	22/18/12
Silicon	ppm	4	2	6	3
Sodium	ppm	<1	<1	2	<1
Potassium	ppm	<1	<1	2	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.



WEAR METALS

Iron	ppm	11	6	13	6
Copper	ppm	2	2	2	2
Lead	ppm	5	3	5	4
Tin	ppm	0	0	<1	<1
Aluminum	ppm	2	1	2	1
Chromium	ppm	9	6	11	4
Molybdenum	ppm	3	3	<1	0
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	<1	0	0
Silver	ppm	<1	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

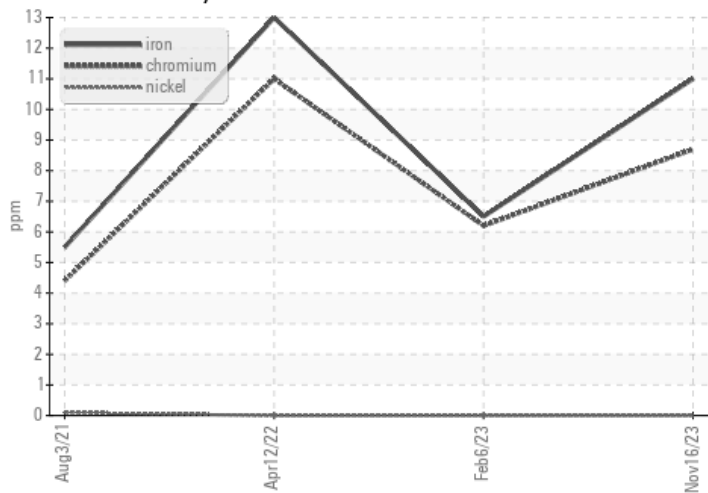
Calcium	ppm	374	415	1108	1228
Magnesium	ppm	47	46	12	4
Zinc	ppm	809	809	713	689
Phosphorus	ppm	647	701	631	632
Barium	ppm	<1	0	0	0
Boron	ppm	4	4	2	<1

Depot: SC1149STE
Unique No: 5682641
Signed: Wes Davis
Report Date: 21 Nov 2023

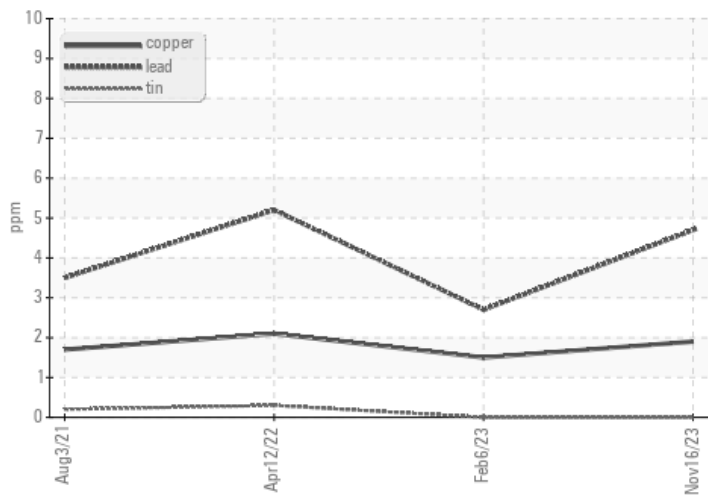


GRAPHS

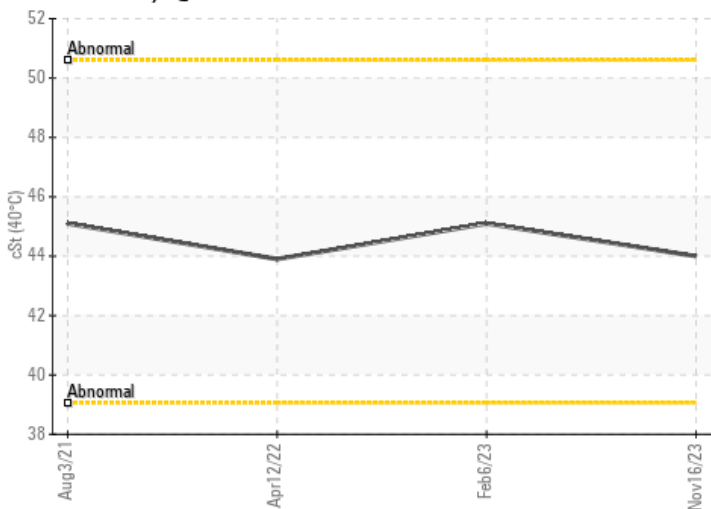
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

