

LIEBHERR

CONSTRUCTION EQUIPMENT



[(336305)] LIEBHERR L566 057382-1332 - Hydraulic System

Sample No: LH0270046

Oil Type: AW HYDRAULIC OIL ISO 46



SAMPLE INFORMATION

Sample Number	LH0270046	LH	LH0256089	LH0250776
Sample Date	07 Aug 2023	09 May 2023	14 Apr 2023	02 Feb 2023
Machine Hours	4851	4400	3900	3579
Oil Hours	0	0	0	0
Oil Changed	Changed	Not Changd	Not Changd	Not Changd
Sample Status	ATTENTION	ABNORMAL	ABNORMAL	ATTENTION

CGC DIVISION GYPSUM
7200 RUE NOTRE-DAME EST
MONTREAL, QC
CA H1N 3L6
Contact: YVES CHEVALIER



OIL CONDITION

Visc @ 40°C	cSt	40.7	43.5	43.4	43.6
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T: (514)255-4061
F: (514)255-6075



CONTAMINATION

Particles >4µm		36334	40043	43716	25215
Particles >6µm		2467	2774	1319	641
Particles >14µm		103	172	56	40
ISO 4406:1999 (c)		22/18/14	23/19/15	23/18/13	22/17/12
Silicon	ppm	3	1	1	<1
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	1	<1	0	<1

Diagnosis

We recommend you service the filters on this component. Resample at the next service interval to monitor. All component wear rates are normal. There is a light amount of silt (particulates < 14 microns in size) present in the oil. The condition of the oil is acceptable for the time in service.



WEAR METALS

Iron	ppm	16	14	12	11
Copper	ppm	3	2	2	2
Lead	ppm	6	4	4	4
Tin	ppm	<1	0	<1	0
Aluminum	ppm	1	<1	<1	<1
Chromium	ppm	3	3	3	3
Molybdenum	ppm	<1	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

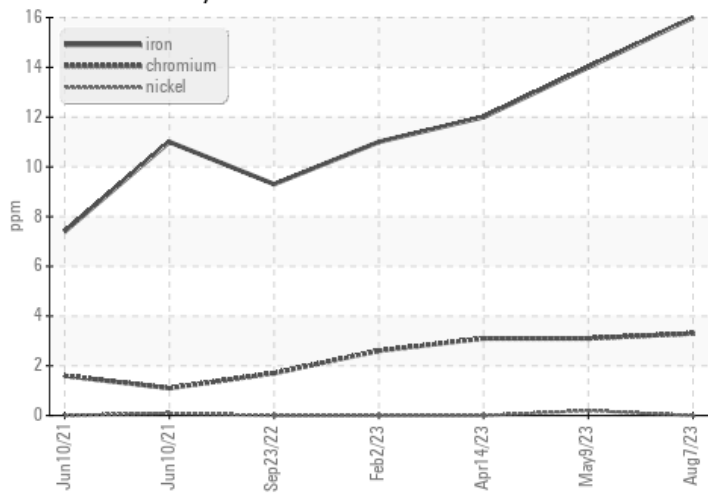
Calcium	ppm	252	223	185	177
Magnesium	ppm	9	3	2	2
Zinc	ppm	721	746	771	771
Phosphorus	ppm	668	664	649	661
Barium	ppm	0	0	0	0
Boron	ppm	<1	<1	<1	<1

Depot: CAN720MON
Unique No: 5619916
Signed: Kevin Marson
Report Date: 10 Aug 2023

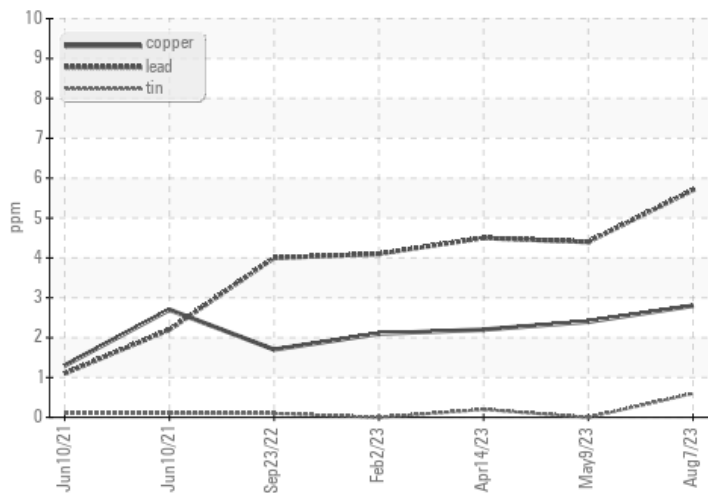


GRAPHS

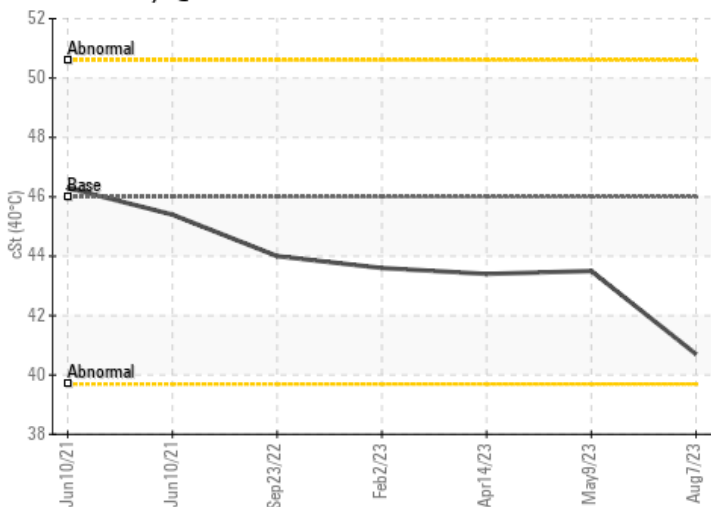
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

