

# LIEBHERR

## CONSTRUCTION EQUIPMENT



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

Sample No: LH

Oil Type: AW HYDRAULIC OIL ISO 46



#### SAMPLE INFORMATION

Sample Number	LH	LH	LH0270046	LH
Sample Date	19 Dec 2023	13 Sep 2023	07 Aug 2023	09 May 2023
Machine Hours	5600	5000	4851	4400
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	Changed	Not Changd
Sample Status	NORMAL	ABNORMAL	ATTENTION	ABNORMAL

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



#### OIL CONDITION

Visc @ 40°C	cSt	44.7	42.7	40.7	43.5
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T: (514)255-4061  
F: (514)255-6075



#### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Particles >4µm		17627	45265	36334	40043
Particles >6µm		530	180	2467	2774
Particles >14µm		61	6	103	172
ISO 4406:1999 (c)		21/16/13	23/15/10	22/18/14	23/19/15
Silicon	ppm	<1	1	3	1
Sodium	ppm	0	<1	<1	<1
Potassium	ppm	<1	<1	1	<1

#### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. The system cleanliness is acceptable for your target ISO 4406 cleanliness code. The system and fluid cleanliness is acceptable. The condition of the oil is acceptable for the time in service.



#### WEAR METALS

Iron	ppm	7	14	16	14
Copper	ppm	1	2	3	2
Lead	ppm	3	6	6	4
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	<1	1	<1
Chromium	ppm	2	3	3	3
Molybdenum	ppm	0	<1	<1	0
Nickel	ppm	<1	0	0	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	<1	<1
Vanadium	ppm	0	0	0	0



#### ADDITIVES

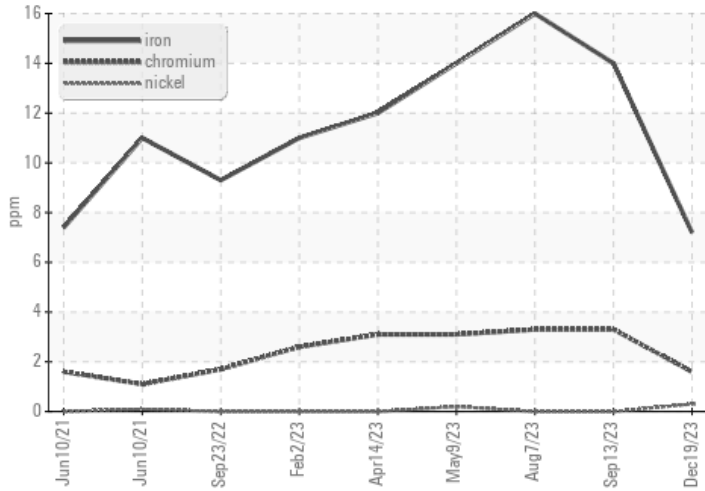
Calcium	ppm	141	179	252	223
Magnesium	ppm	1	3	9	3
Zinc	ppm	831	771	721	746
Phosphorus	ppm	669	643	668	664
Barium	ppm	0	0	0	0
Boron	ppm	0	<1	<1	<1

Depot: CAN720MON  
Unique No: 5698097  
Signed: Kevin Marson  
Report Date: 27 Dec 2023

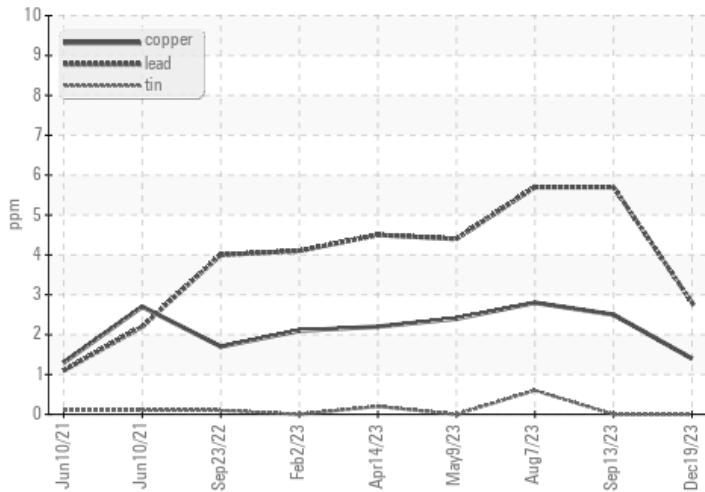


### GRAPHS

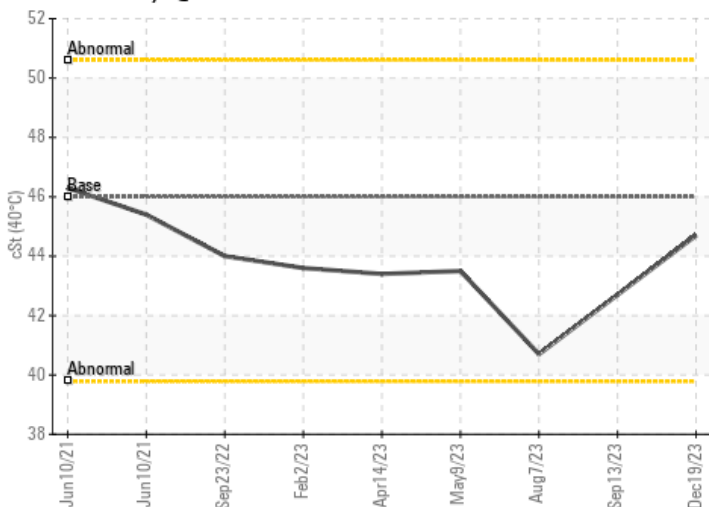
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

