

LIEBHERR

CONSTRUCTION EQUIPMENT



[(336347)] LIEBHERR LH30C126039-1526 - Hydraulic System

Sample No: LH
Oil Type: NOT GIVEN



SAMPLE INFORMATION

Sample Number	LH	LH	LH0188329	LH0188320
Sample Date	17 Aug 2023	25 May 2023	14 Oct 2022	08 Apr 2022
Machine Hours	1500	5000	4000	3000
Oil Hours	0	1000	0	0
Oil Changed	N/A	Not Changd	Changed	Not Changd
Sample Status	NORMAL	NORMAL	ABNORMAL	ABNORMAL

National Salvage Ltd.
206-33 Street N
Lethbridge, AB
CA T1H 3Z5
Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	30.1	29.3	39.3	41.1
Acid Number (AN)	mg KOH/g	---	---	1.37	1.36

T:
F:



CONTAMINATION

Particles >4µm		6361	10656	1286	2059
Particles >6µm		1732	2071	301	712
Particles >14µm		162	41	24	77
ISO 4406:1999 (c)		20/18/15	21/18/13	17/15/12	18/17/13
Silicon	ppm	2	2	2	2
Sodium	ppm	2	1	2	2
Potassium	ppm	1	<1	<1	<1

Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. 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

PQ		0	---	0	0
Iron	ppm	53	42	80	68
Copper	ppm	4	3	6	4
Lead	ppm	<1	<1	1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	1	<1
Chromium	ppm	<1	<1	<1	<1
Molybdenum	ppm	<1	<1	<1	<1
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	<1	0
Silver	ppm	0	0	0	0
Manganese	ppm	<1	<1	1	1
Vanadium	ppm	0	0	<1	0



ADDITIVES

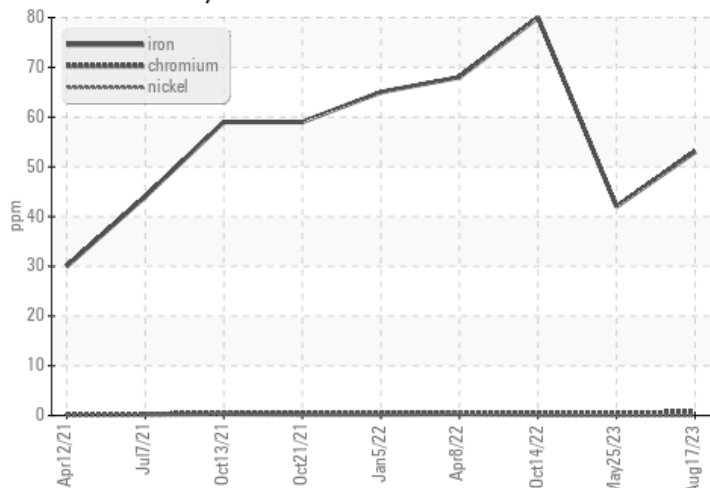
Calcium	ppm	561	596	1306	1204
Magnesium	ppm	8	7	8	7
Zinc	ppm	539	533	660	641
Phosphorus	ppm	461	480	615	575
Barium	ppm	0	0	0	0
Boron	ppm	<1	<1	<1	<1

Depot: NATLET
Unique No: 5645086
Signed: Bill Quesnel
Report Date: 21 Sep 2023

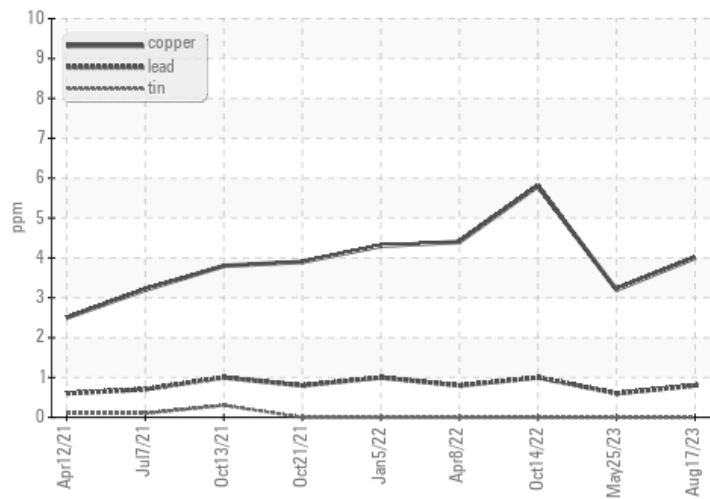


GRAPHS

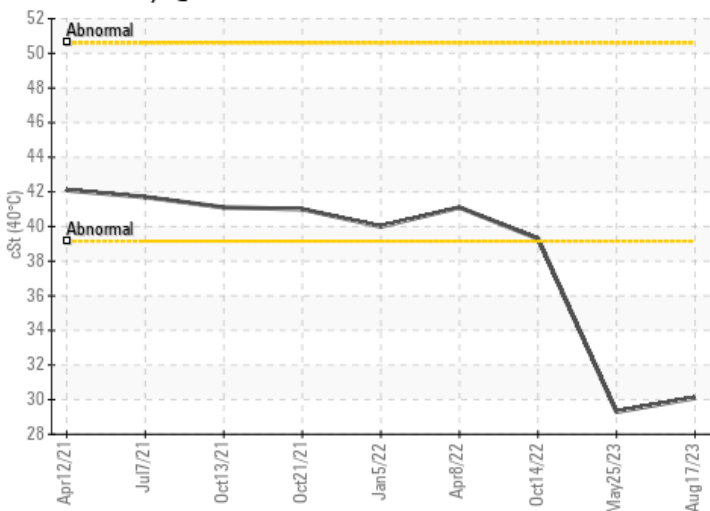
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

