

# LIEBHERR

## CONSTRUCTION EQUIPMENT



### [(363878)] LIEBHERR L556 0657 24-1826 - Hydraulic System

Sample No: LH0260963

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



#### SAMPLE INFORMATION

Sample Number	LH0260963	LH0256441	LH0251244	LH0250803
Sample Date	23 Jun 2023	05 Apr 2023	08 Mar 2023	07 Feb 2023
Machine Hours	7410	6639	6115	5518
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	ATTENTION	NORMAL

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



#### OIL CONDITION

Visc @ 40°C	cSt	44.0	43.9	44.2	44.8

T: (514)255-4061  
 F: (514)255-6075



#### CONTAMINATION

Particles >4µm		12143	10106	22039	7339
Particles >6µm		2135	802	4119	1203
Particles >14µm		170	91	392	106
ISO 4406:1999 (c)		21/18/15	21/17/14	22/19/16	20/17/14
Silicon	ppm	<1	<1	1	<1
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	<1	0	0	<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	6	6	6	5
Copper	ppm	2	1	1	<1
Lead	ppm	2	2	2	2
Tin	ppm	0	<1	0	<1
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	1	<1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	<1	0
Titanium	ppm	0	<1	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	<1	0	0
Vanadium	ppm	0	0	0	0



#### ADDITIVES

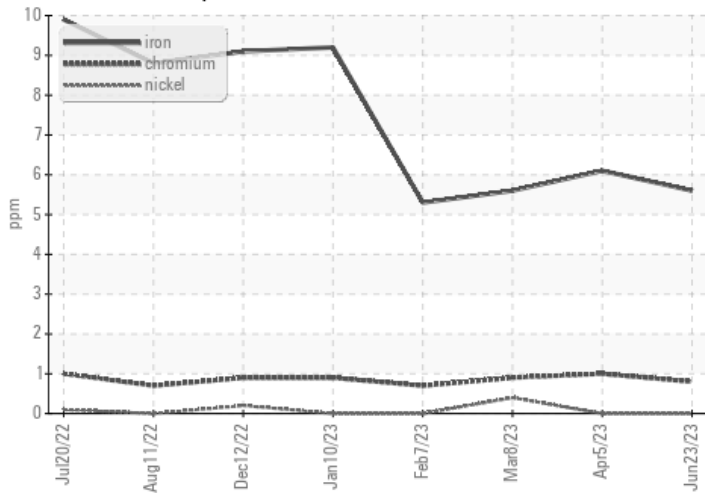
Calcium	ppm	321	393	393	393
Magnesium	ppm	2	1	1	1
Zinc	ppm	715	678	687	687
Phosphorus	ppm	625	624	618	604
Barium	ppm	0	0	0	0
Boron	ppm	<1	<1	<1	<1

Depot: CAN720MON  
 Unique No: 5604379  
 Signed: Wes Davis  
 Report Date: 30 Jun 2023

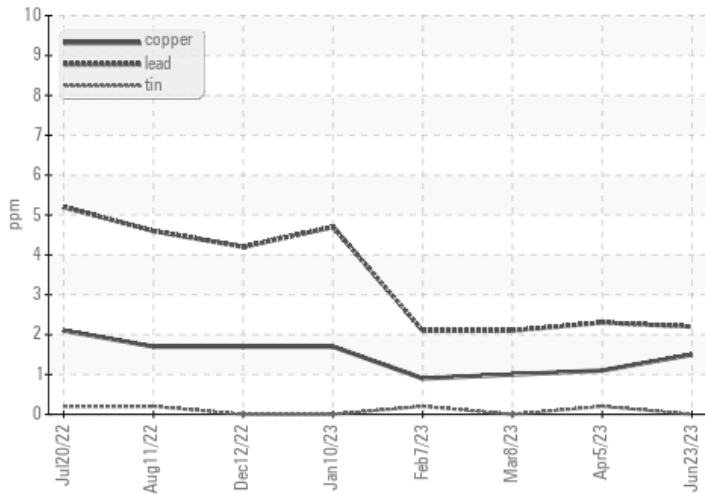


### GRAPHS

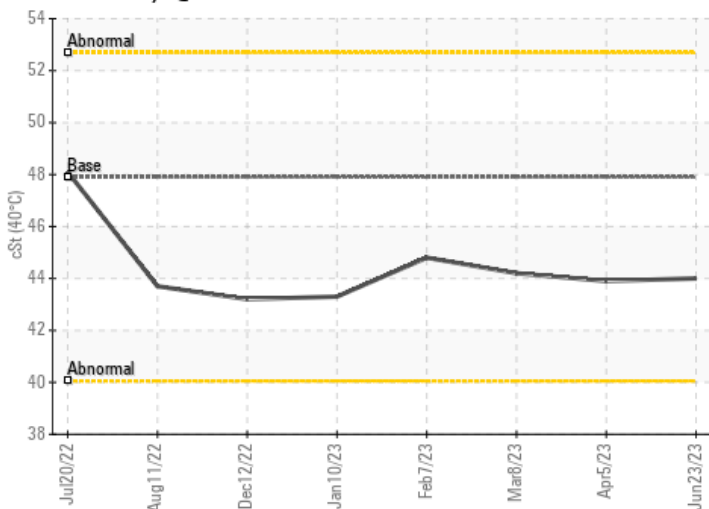
#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C



#### Particle Count

