

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0260823

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



SAMPLE INFORMATION

Sample Number	LH0260823	LH	LH	LH0270052
Sample Date	13 Dec 2023	20 Oct 2023	19 Sep 2023	07 Aug 2023
Machine Hours	9673	8903	8467	0
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Not Changd	Not Changd	Not Changd
Sample Status	ATTENTION	ATTENTION	NORMAL	ATTENTION

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



OIL CONDITION

Visc @ 40°C	cSt	43.2	43.7	44.4	44.6
-------------	-----	------	------	------	------

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



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Particles >4µm		22056	30706	16563	24563
Particles >6µm		778	8562	3421	4749
Particles >14µm		57	518	184	212
ISO 4406:1999 (c)		22/17/13	22/20/16	21/19/15	22/19/15
Silicon	ppm	1	<1	<1	<1
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	0	<1	<1	<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	5	5	4	6
Copper	ppm	2	2	1	1
Lead	ppm	2	2	2	2
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	<1	<1	1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	<1	<1	0	0
Titanium	ppm	0	0	0	0
Silver	ppm	<1	<1	<1	0
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



ADDITIVES

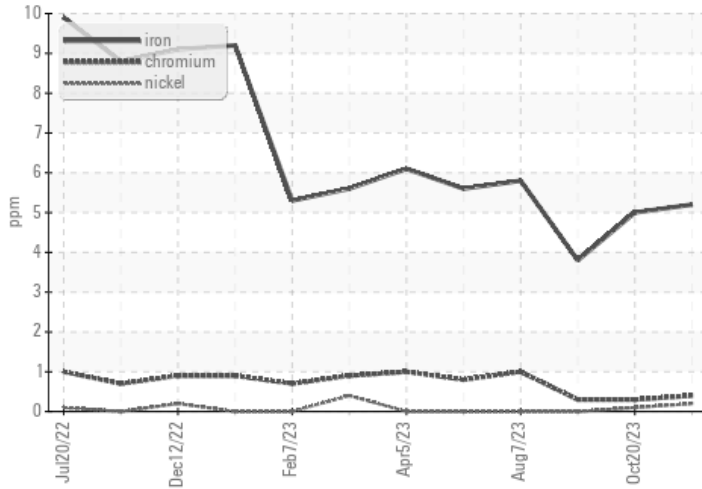
Calcium	ppm	235	252	222	209
Magnesium	ppm	1	3	1	2
Zinc	ppm	790	873	775	776
Phosphorus	ppm	622	696	608	647
Barium	ppm	<1	<1	0	0
Boron	ppm	<1	<1	<1	<1

Depot: CAN720MON
Unique No: 5696937
Signed: Wes Davis
Report Date: 19 Dec 2023

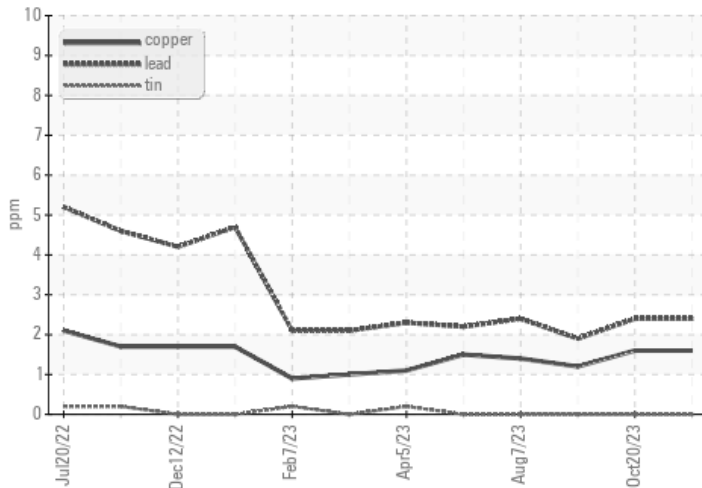


GRAPHS

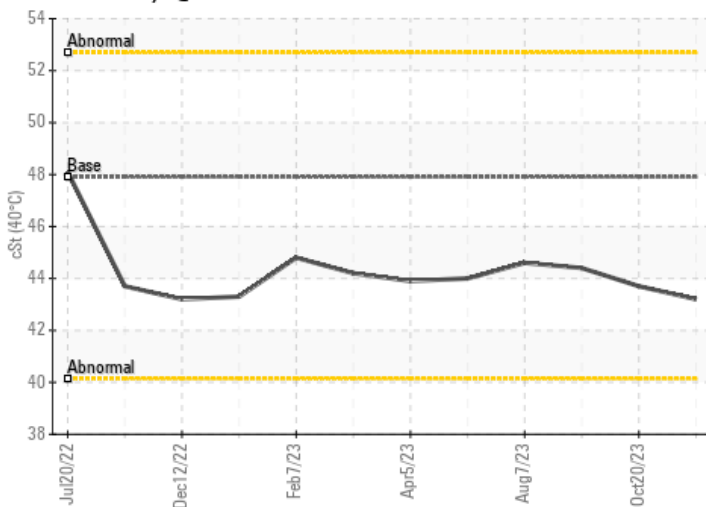
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

