

LIEBHERR

CONSTRUCTION EQUIPMENT



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

Sample No: LH0270052

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



SAMPLE INFORMATION

Sample Number	LH0270052	LH0260963	LH0256441	LH0251244
Sample Date	07 Aug 2023	23 Jun 2023	05 Apr 2023	08 Mar 2023
Machine Hours	0	7410	6639	6115
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Not Changd	Not Changd	Not Changd
Sample Status	ATTENTION	NORMAL	NORMAL	ATTENTION

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



OIL CONDITION

Visc @ 40°C	cSt	44.6	44.0	43.9	44.2
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T: (514)255-4061
F: (514)255-6075



CONTAMINATION

Particles >4µm		24563	12143	10106	22039
Particles >6µm		4749	2135	802	4119
Particles >14µm		212	170	91	392
ISO 4406:1999 (c)		22/19/15	21/18/15	21/17/14	22/19/16
Silicon	ppm	<1	<1	<1	1
Sodium	ppm	<1	<1	<1	<1
Potassium	ppm	<1	<1	0	0

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	6	6	6	6
Copper	ppm	1	2	1	1
Lead	ppm	2	2	2	2
Tin	ppm	0	0	<1	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	1	<1	1	<1
Molybdenum	ppm	0	0	0	0
Nickel	ppm	0	0	0	<1
Titanium	ppm	0	0	<1	<1
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	<1	0
Vanadium	ppm	0	0	0	0



ADDITIVES

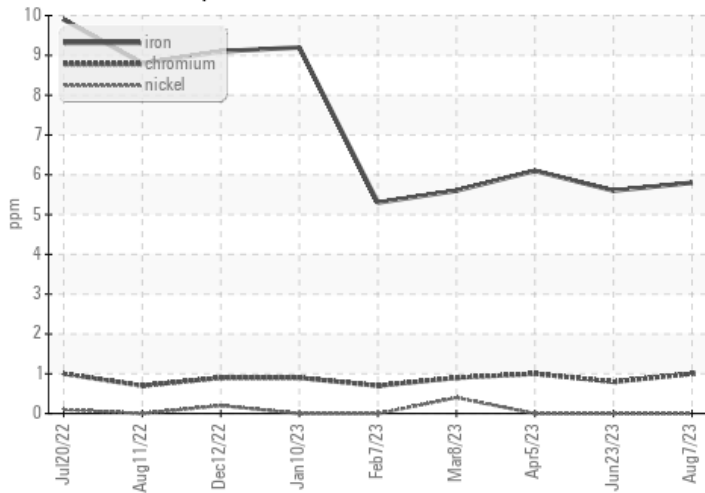
Calcium	ppm	209	321	393	393
Magnesium	ppm	2	2	1	1
Zinc	ppm	776	715	678	687
Phosphorus	ppm	647	625	624	618
Barium	ppm	0	0	0	0
Boron	ppm	<1	<1	<1	<1

Depot: CAN720MON
Unique No: 5620204
Signed: Wes Davis
Report Date: 11 Aug 2023

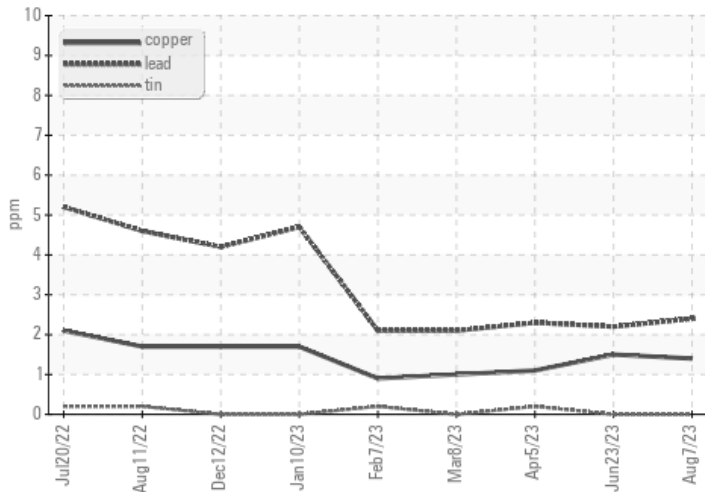


GRAPHS

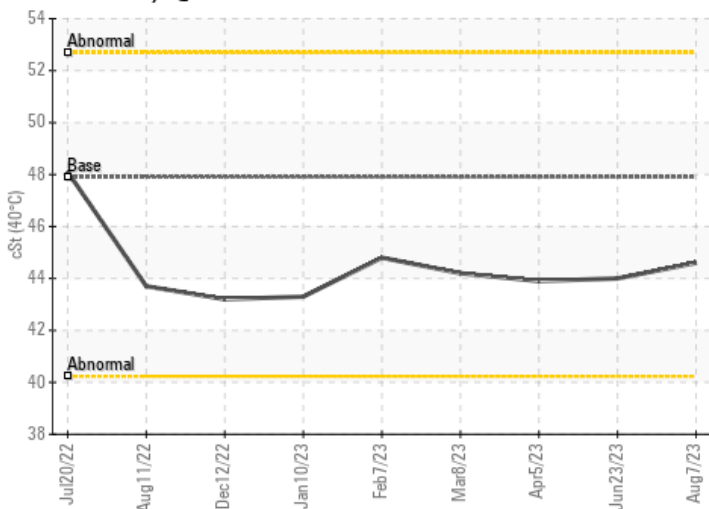
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

