

LIEBHERR

CONSTRUCTION EQUIPMENT



LIEBHERR LH26M 118645-1252 - Hydraulic System

Sample No: LH0284740

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



SAMPLE INFORMATION

Sample Number	LH0284740	LH0266086	LH0246814	LH0234590
Sample Date	08 Feb 2024	29 Jun 2023	18 Nov 2022	09 Jun 2022
Machine Hours	8004	7037	6006	5036
Oil Hours	0	0	0	0
Oil Changed	Changed	Changed	N/A	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	ATTENTION

D.R. SCRAP METALS LTD.
 180 EDINBURG DRIVE
 MONCTON, NB
 CA E1E 2K7
 Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	42.6	41.9	40.8	50.3

T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Particles >4µm		1437	5915	16730	31669
Particles >6µm		159	1125	4903	5413
Particles >14µm		5	67	230	127
ISO 4406:1999 (c)		18/14/10	20/17/13	21/19/15	22/20/14
Silicon	ppm	<1	2	3	3
Sodium	ppm	<1	2	3	3
Potassium	ppm	<1	1	2	<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	4	9	15	11
Copper	ppm	<1	4	3	2
Lead	ppm	<1	<1	<1	<1
Tin	ppm	0	0	0	0
Aluminum	ppm	<1	<1	<1	<1
Chromium	ppm	<1	2	2	1
Molybdenum	ppm	0	1	2	4
Nickel	ppm	<1	0	<1	0
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	0	0
Manganese	ppm	0	0	<1	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

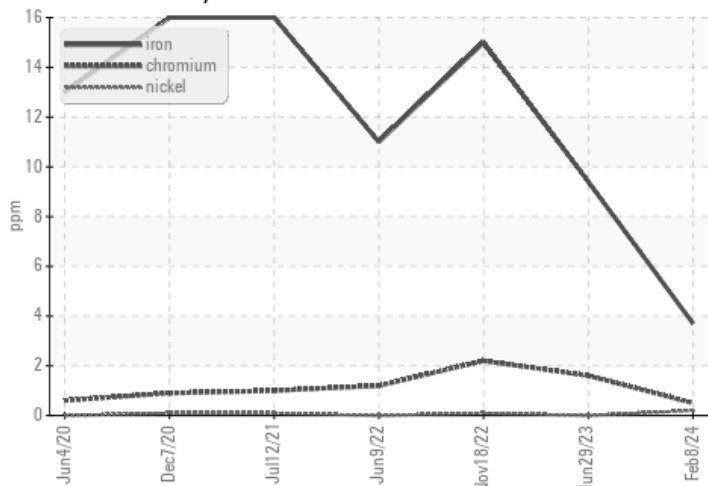
Calcium	ppm	163	407	861	698
Magnesium	ppm	6	22	47	66
Zinc	ppm	664	720	636	621
Phosphorus	ppm	533	610	601	575
Barium	ppm	0	0	0	0
Boron	ppm	<1	3	8	11

Depot: DRSMON
 Unique No: 5724792
 Signed: Wes Davis
 Report Date: 15 Feb 2024

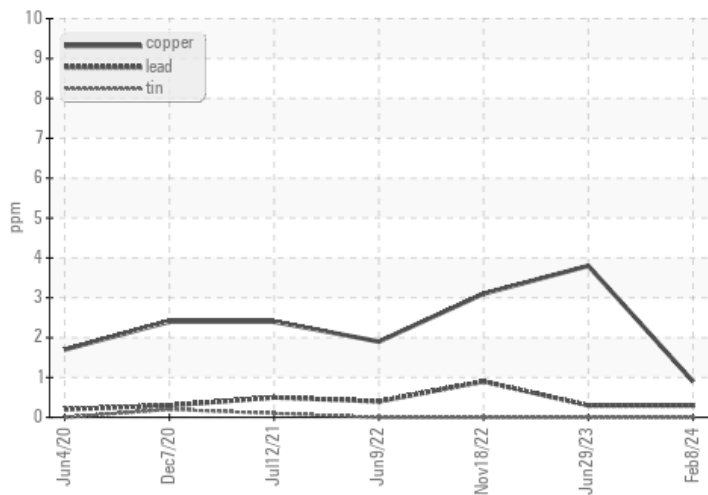


GRAPHS

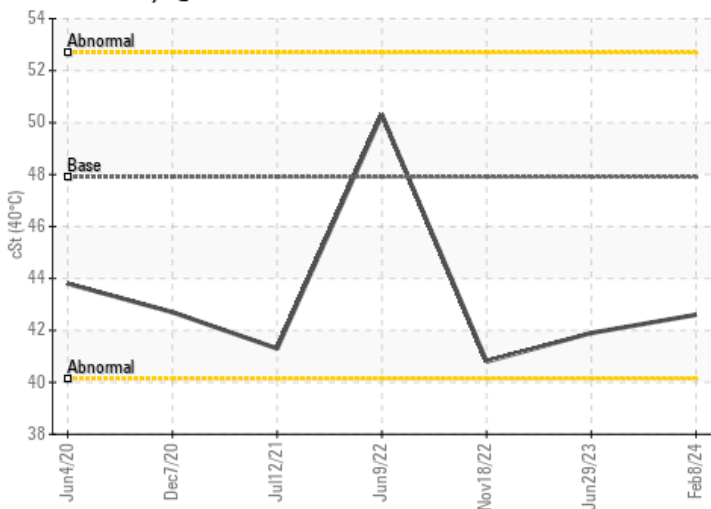
Ferrous Alloys



Non-ferrous Metals



Viscosity @ 40°C



Particle Count

