

LIEBHERR

CONSTRUCTION EQUIPMENT



[(377329)] LIEBHERR LH26M 138624-1252 - Hydraulic System

Sample No: LH0232719

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



SAMPLE INFORMATION

Sample Number	LH0232719	LH0232711	LH0250563	LH0260428
Sample Date	09 Mar 2024	26 Nov 2023	23 Sep 2023	15 Aug 2023
Machine Hours	3503	2949	2578	2334
Oil Hours	0	0	0	0
Oil Changed	Not Changd	Not Changd	Not Changd	Not Changd
Sample Status	NORMAL	NORMAL	NORMAL	NORMAL

EVERCLEAR METAL RECYCLING
7136 DURIEU ST.
MISSION, BC
CA V2V 2Y4
Contact: Service Manager



OIL CONDITION

Visc @ 40°C	cSt	42.7	42.4	42.8	42.8
Acid Number (AN)	mg KOH/g	1.08	1.49	---	---

T:
F:



CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Particles >4µm		608	3200	1387	493
Particles >6µm		174	742	336	181
Particles >14µm		19	44	18	20
ISO 4406:1999 (c)		16/15/11	19/17/13	18/16/11	16/15/11
Silicon	ppm	4	5	6	5
Sodium	ppm	2	2	3	2
Potassium	ppm	<1	0	<1	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 AN level is acceptable for this fluid. The condition of the oil is suitable for further service.



WEAR METALS

Iron	ppm	9	9	10	9
Copper	ppm	3	3	3	3
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	0	0	0	0
Nickel	ppm	<1	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	<1	<1	0
Manganese	ppm	0	0	0	<1
Vanadium	ppm	0	0	0	0



ADDITIVES

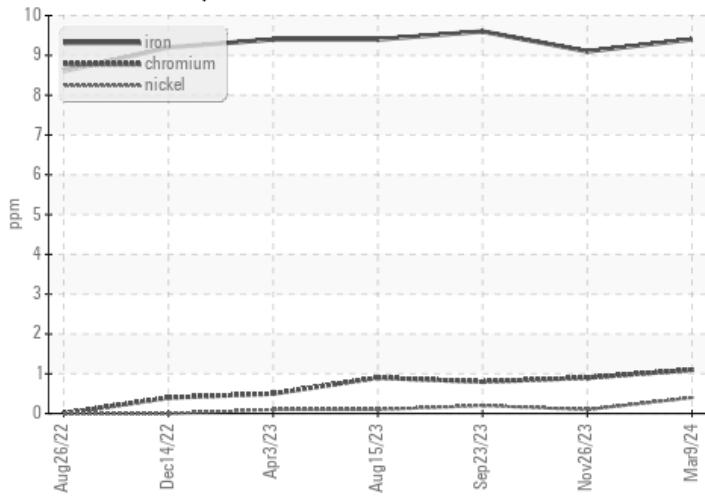
Calcium	ppm	1117	1195	1302	1287
Magnesium	ppm	3	3	3	4
Zinc	ppm	745	743	742	744
Phosphorus	ppm	663	639	643	678
Barium	ppm	0	<1	<1	0
Boron	ppm	<1	<1	<1	<1

Depot: EVEMIS
Unique No: 5747496
Signed: Wes Davis
Report Date: 18 Mar 2024

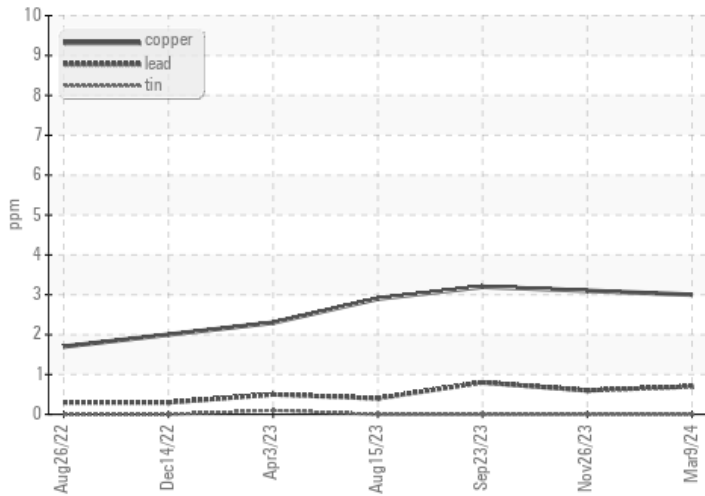


GRAPHS

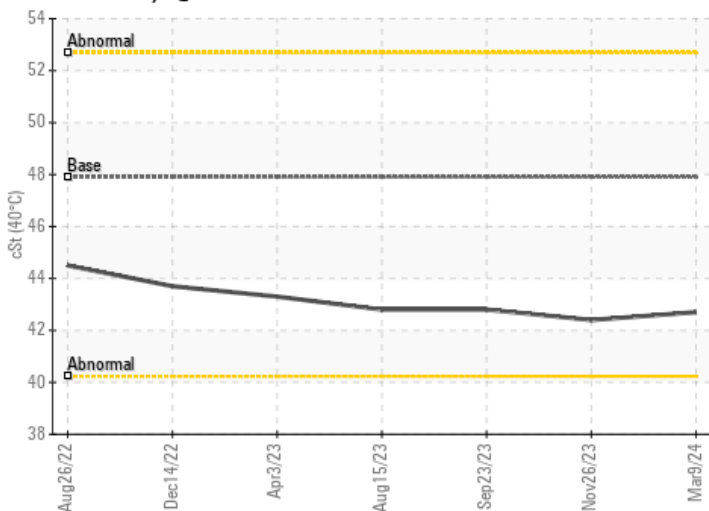
Ferrous Alloys



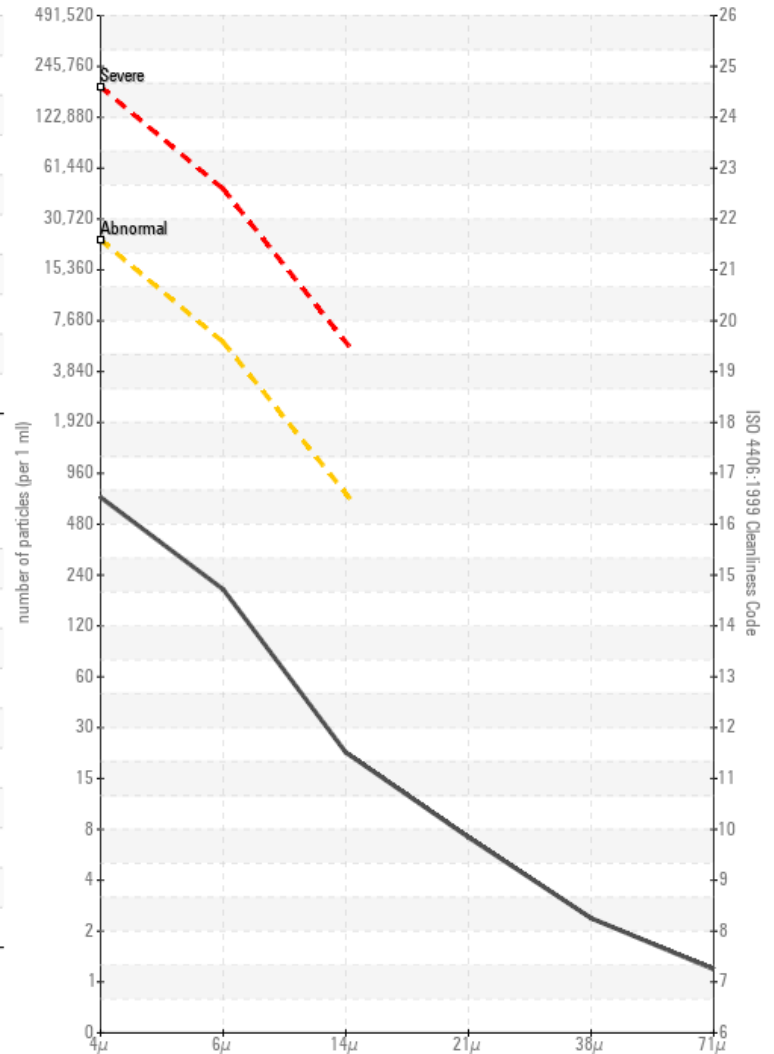
Non-ferrous Metals



Viscosity @ 40°C



Particle Count



Acid Number

