

# LIEBHERR

## CONSTRUCTION EQUIPMENT



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

Sample No: LH0269687

Oil Type: PETRO CANADA HYDREX XV ALL SEASON HYDRAULIC OIL



#### Sample Information

Sample Number	LH0269687	LH0232719	LH0232711	LH0250563
Sample Date	08 Jun 2024	09 Mar 2024	26 Nov 2023	23 Sep 2023
Machine Hours	4000	3503	2949	2578
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	42.5	42.7	42.4	42.8
Acid Number (AN)	mg KOH/g	---	1.08	1.49	---

T:  
F:



#### Contamination

Water	%	NEG	NEG	NEG	NEG
Particles >4µm		450	608	3200	1387
Particles >6µm		98	174	742	336
Particles >14µm		8	19	44	18
ISO 4406:1999 (c)		16/14/10	16/15/11	19/17/13	18/16/11
Silicon	ppm	3	4	5	6
Sodium	ppm	2	2	2	3
Potassium	ppm	<1	<1	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	9	9	9	10
Copper	ppm	3	3	3	3
Lead	ppm	0	<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	0	<1	<1	<1
Titanium	ppm	0	0	0	0
Silver	ppm	0	0	<1	<1
Manganese	ppm	0	0	0	0
Vanadium	ppm	0	0	0	0



#### Additives

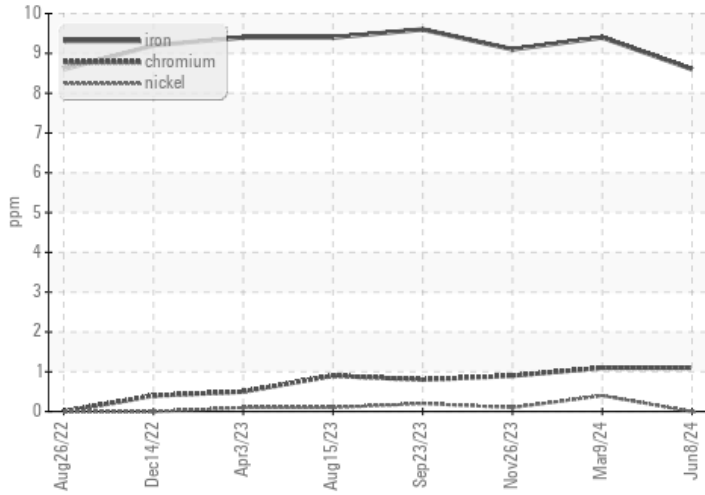
Calcium	ppm	1044	1117	1195	1302
Magnesium	ppm	3	3	3	3
Zinc	ppm	738	745	743	742
Phosphorus	ppm	627	663	639	643
Barium	ppm	0	0	<1	<1
Boron	ppm	<1	<1	<1	<1

Depot: EVEMIS  
Unique No: 5798976  
Signed: Wes Davis  
Report Date: 13 Jun 2024

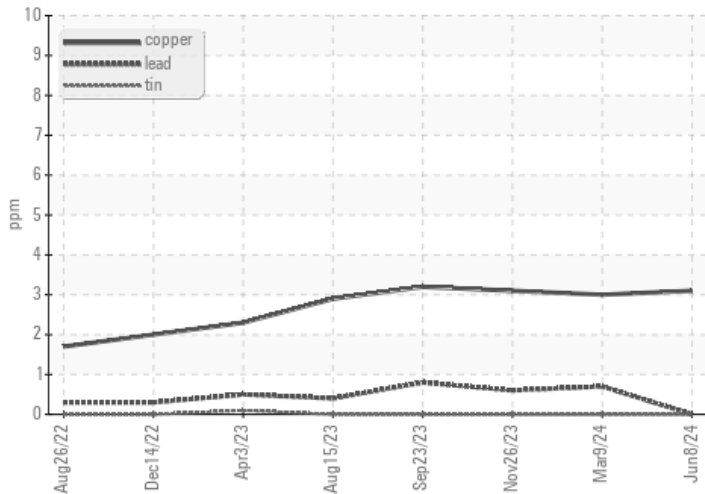


### Graphs

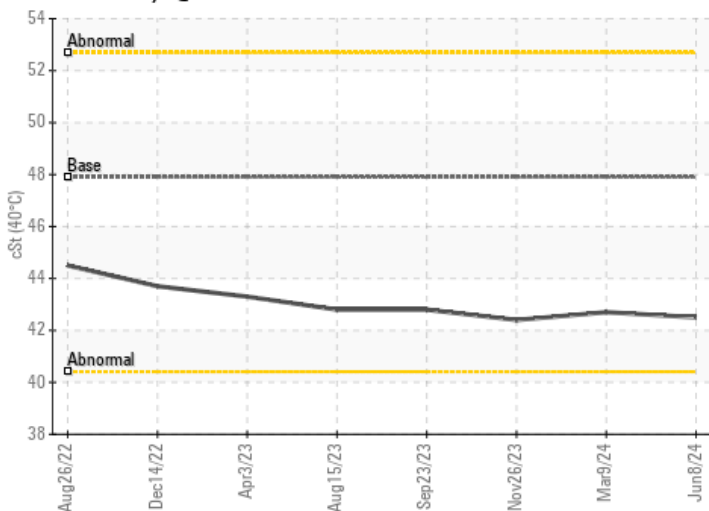
#### Ferrous Alloys



#### Non-ferrous Metals



#### Viscosity @ 40°C



#### Particle Count

