



# LIEBHERR

## OIL ANALYSIS REPORT

WEAR	<b>NORMAL</b>
CONTAMINATION	<b>NORMAL</b>
FLUID CONDITION	<b>NORMAL</b>



Machine Id  
**LIEBHERR LH26M 138624-1252**  
Component  
**Transmission (Auto)**  
Fluid  
**PETRO CANADA 10W40 (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>LH0286429</b>	LH0232712	LH0260427
Sample Date		Client Info		<b>08 Jun 2024</b>	26 Nov 2023	15 Aug 2023
Machine Age	hrs	Client Info		<b>4000</b>	2949	2334
Oil Age	hrs	Client Info		<b>0</b>	0	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	Changed	Changed
Filter Changed		Client Info		<b>None</b>	None	None
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>160	<b>8</b>	8	12
Chromium	ppm	ASTM D5185(m)	>5	<b>0</b>	0	<1
Nickel	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	0
Titanium	ppm	ASTM D5185(m)		<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)	>5	<b>0</b>	<1	0
Aluminum	ppm	ASTM D5185(m)	>50	<b>&lt;1</b>	1	2
Lead	ppm	ASTM D5185(m)	>50	<b>0</b>	<1	<1
Copper	ppm	ASTM D5185(m)	>225	<b>6</b>	8	12
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	<1
Vanadium	ppm	ASTM D5185(m)		<b>0</b>	0	0
White Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

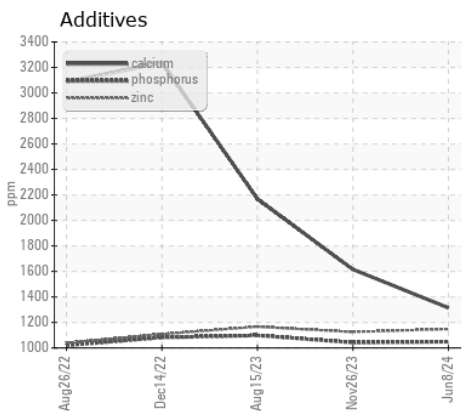
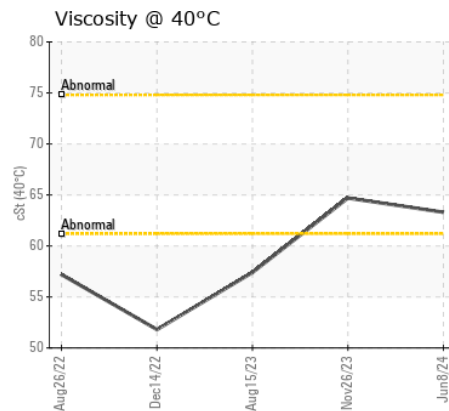
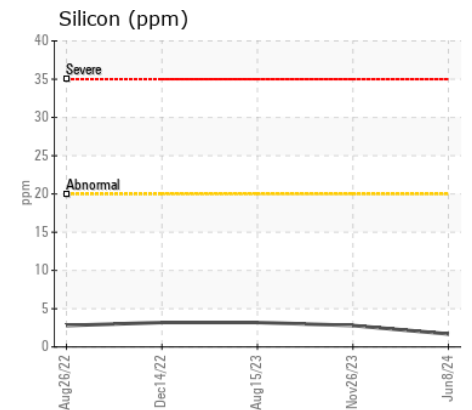
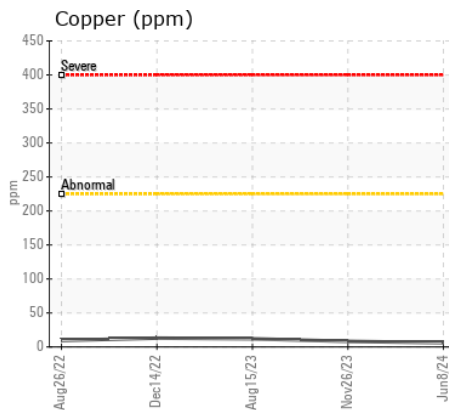
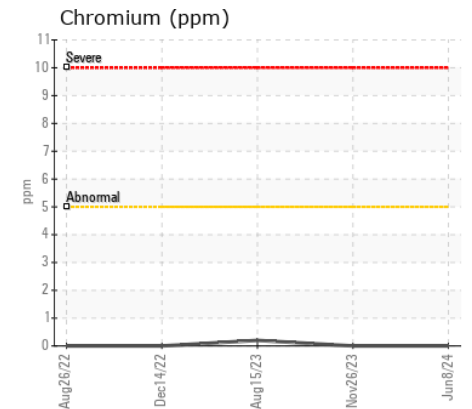
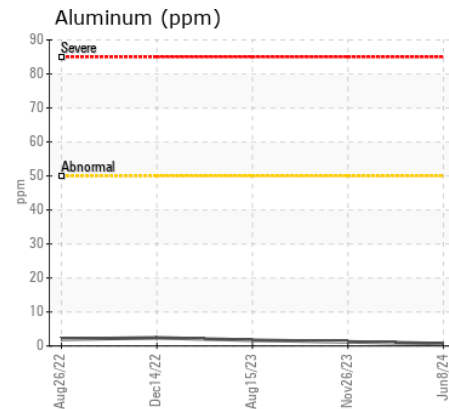
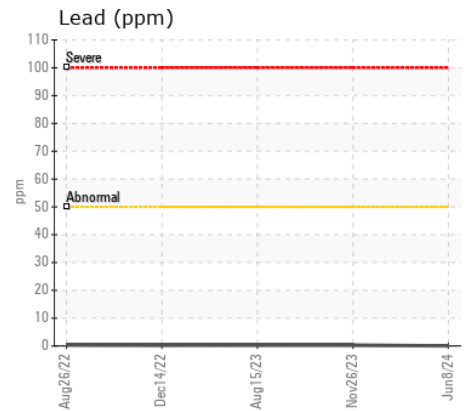
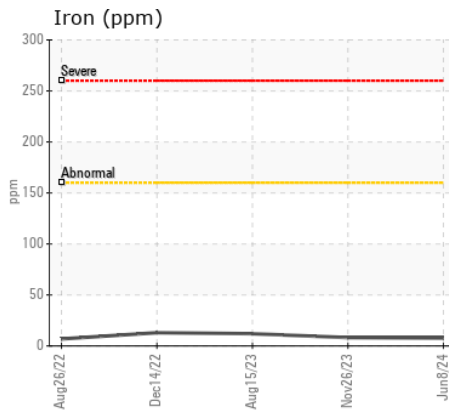
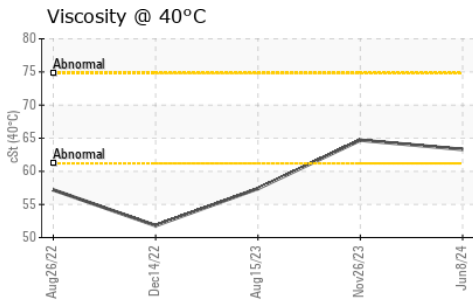
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185(m)	>20	<b>2</b>	3	3
Potassium	ppm	ASTM D5185(m)	>20	<b>0</b>	<1	2
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	Visual*	NONE	<b>NONE</b>	NONE	VLITE
Debris	scalar	Visual*	NONE	<b>NONE</b>	VLITE	NONE
Sand/Dirt	scalar	Visual*	NONE	<b>VLITE</b>	NONE	NONE
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	Visual*	>0.1	<b>NEG</b>	NEG	NEG

### FLUID CONDITION

The condition of the fluid is acceptable for the time in service.

Sodium	ppm	ASTM D5185(m)	>20	<b>8</b>	14	24
Boron	ppm	ASTM D5185(m)		<b>9</b>	14	3
Barium	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	<1
Molybdenum	ppm	ASTM D5185(m)		<b>51</b>	41	31
Manganese	ppm	ASTM D5185(m)		<b>4</b>	5	11
Magnesium	ppm	ASTM D5185(m)		<b>841</b>	657	485
Calcium	ppm	ASTM D5185(m)		<b>1315</b>	1616	2169
Phosphorus	ppm	ASTM D5185(m)		<b>1049</b>	1042	1098
Zinc	ppm	ASTM D5185(m)		<b>1148</b>	1125	1167
Sulfur	ppm	ASTM D5185(m)		<b>3639</b>	4627	5373
Visc @ 40°C	cSt	ASTM D7279(m)		<b>63.3</b>	64.7	57.4



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : LH0286429  
**Lab Number** : 02641455  
**Unique Number** : 5798994  
**Test Package** : MOB 1  
**Received** : 12 Jun 2024  
**Tested** : 12 Jun 2024  
**Diagnosed** : 12 Jun 2024 - Kevin Marson

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

To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 Validity of results and interpretation are based on the sample and information as supplied.

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F: