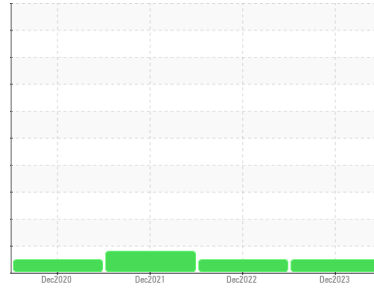




# COOLANT REPORT

Sample Rating Trend

**NORMAL**



Area  
**TORONTO CONDO CORP [150253]**  
 Machine Id  
**79447522**  
 Component  
**Coolant**  
 Fluid  
**FLEETGUARD ES COMPLEAT (--- GAL)**

## DIAGNOSIS

### Recommendation

The fluid is suitable for further service. Resample at the next service interval to monitor.

### Corrosion

All metal levels are normal indicating no corrosion in the cooling system.

### Contaminants

There is no indication of any contamination in the coolant.

### Coolant Condition

The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>CU0022348</b>	CU0019620	CU0018210
Sample Date	Client Info			<b>06 Dec 2023</b>	21 Dec 2022	14 Dec 2021
Machine Age	hrs	Client Info		<b>305</b>	275	249
Oil Age	hrs	Client Info		<b>1</b>	0	0
Oil Changed	Client Info			<b>Changed</b>	Not Changd	Changed
Sample Status				<b>NORMAL</b>	NORMAL	ABNORMAL

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Specific Gravity	ASTM D1298*	1.07		<b>1.067</b>	1.067	1.072
pH	Scale 0-14	ASTM D1287*	10.5	<b>9.25</b>	9.28	8.56
Nitrites	ppm	Alcan Test Kit*		<b>560</b>	800	2800
Reserve Alkalinity	Scale 0-20	ASTM D1121*	5.0	<b>9.0</b>	7.7	9.1
Percentage Glycol	%	ASTM D3321*		<b>50.0</b>	49.6	54.0
Freezing Point	°C	ASTM D3321*	-37	<b>-35</b>	-33	-44
Carboxylate				<b>---</b>	---	---

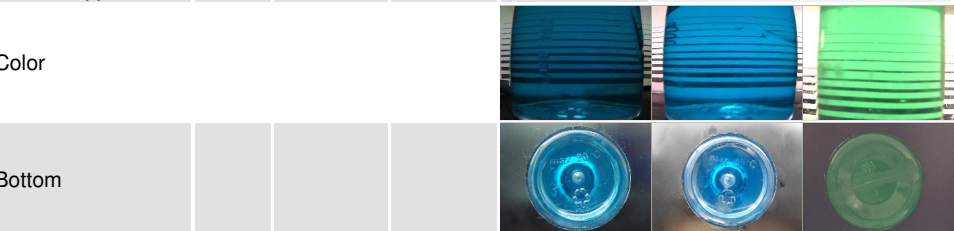
CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		<b>58</b>	58	64
Phosphorus	ppm	ASTM D5185(m)		<b>1082</b>	1016	1332
Boron	ppm	ASTM D5185(m)		<b>277</b>	303	380
Molybdenum	ppm	ASTM D5185(m)		<b>522</b>	549	757

CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	<b>0</b>	1	<1
Aluminum	ppm	ASTM D5185(m)	>10	<b>4</b>	6	▲ 11
Copper	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	3	2
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	<1
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	0	0
Zinc	ppm	ASTM D5185(m)		<b>0</b>	<1	0

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		<b>1819</b>	1292	1782
Potassium	ppm	ASTM D5185(m)		<b>9857</b>	3001	2180

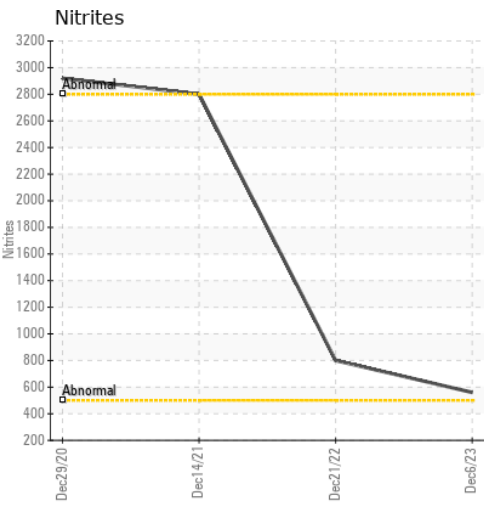
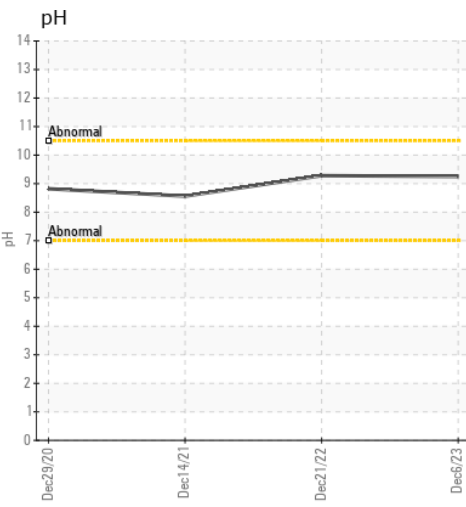
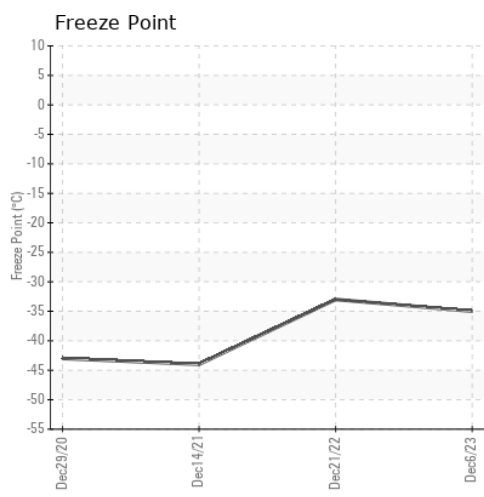
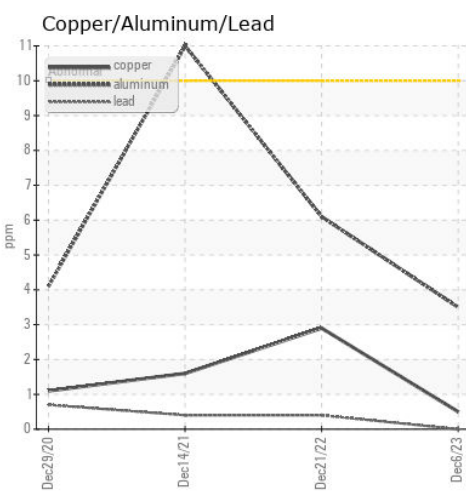
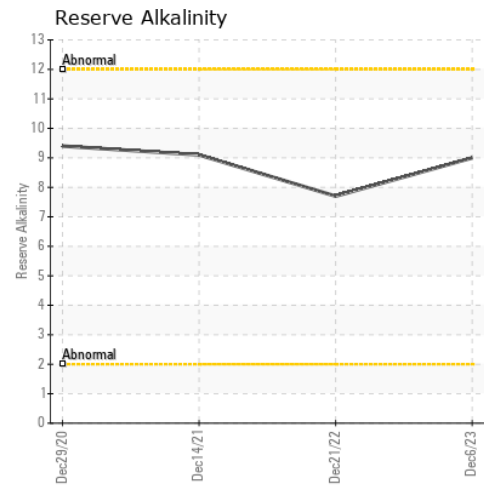
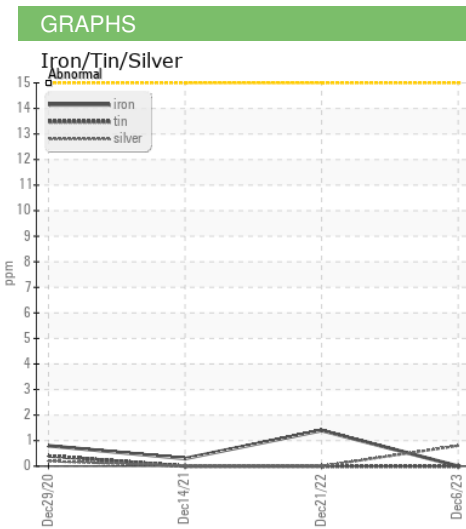
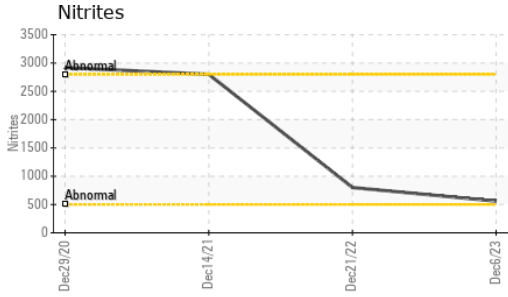
SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	<b>1</b>	2	2
Magnesium	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	<1	<1
Hardness	mg/L CaCO3	In-house*	<75	<b>5</b>	8	6

VISUAL		method	limit/base	current	history1	history2
Coolant Color	Visual*	Blue		<b>Blue</b>	Blue	Green
Coolant Appearance	Visual*	Clear		<b>Clear</b>	Clear	Clear





# COOLANT REPORT



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 CUMMINS CANADA ULC - GENERATOR DIVISION  
**Sample No.** : CU0022348 **Received** : 19 Jan 2024 7175 PACIFIC CIRCLE  
**Lab Number** : 02610048 **Diagnosed** : 19 Jan 2024 MISSISSAUGA, ON  
**Unique Number** : 5711134 **Diagnostician** : Kevin Marson CA L5T 2A5  
**Test Package** : COOL

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.

Contact: Elisia Johnson  
 elisia.johnson@cummins.com  
 T: (905)795-0050  
 F: (905)795-9252