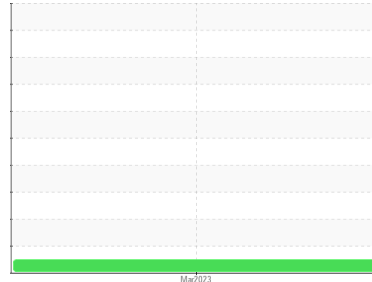




# COOLANT REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**PORT**

Component  
**Port Coolant**  
Fluid

**EXTENDED LIFE COOLANT (114 LTR)**

## DIAGNOSIS

### Recommendation

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) EXTENDED LIFE COOLANT. Please confirm.

### Corrosion

All component wear rates are normal.

### Contaminants

There is no indication of any contamination in the coolant.

### Coolant Condition

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

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>WC0730356</b>	---	---
Sample Date	Client Info			<b>19 Mar 2023</b>	---	---
Machine Age	hrs	Client Info		<b>323</b>	---	---
Oil Age	hrs	Client Info		<b>0</b>	---	---
Oil Changed	Client Info			<b>N/A</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Specific Gravity	ASTM D1298*			<b>1.069</b>	---	---
pH	Scale 0-14	ASTM D1287*	9.0	<b>7.89</b>	---	---
Nitrites	ppm	Alcan Test Kit*		<b>400</b>	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*		<b>9.5</b>	---	---
Percentage Glycol	%	ASTM D3321*	50	<b>51.9</b>	---	---
Freezing Point	°C	ASTM D3321*	-40	<b>-38</b>	---	---
Carboxylate				---	---	---

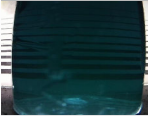

CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		<b>54</b>	---	---
Phosphorus	ppm	ASTM D5185(m)		<b>28</b>	---	---
Boron	ppm	ASTM D5185(m)		<b>796</b>	---	---
Molybdenum	ppm	ASTM D5185(m)		<b>1</b>	---	---

CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	<b>8</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>10	<b>1</b>	---	---
Copper	ppm	ASTM D5185(m)	>10	<b>2</b>	---	---
Lead	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	---	---
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)	>10	<b>0</b>	---	---
Zinc	ppm	ASTM D5185(m)		<b>4</b>	---	---

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		<b>4197</b>	---	---
Potassium	ppm	ASTM D5185(m)		<b>405</b>	---	---

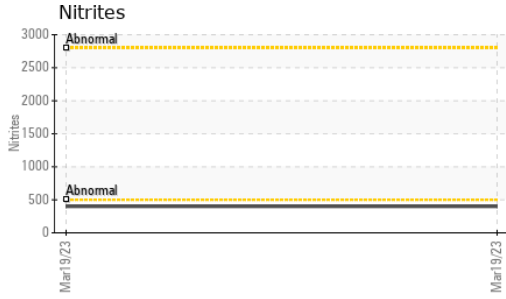
SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	<b>16</b>	---	---
Magnesium	ppm	ASTM D5185(m)	>40	<b>5</b>	---	---
Hardness	mg/L CaCO3	In-house*	<75	<b>60</b>	---	---

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

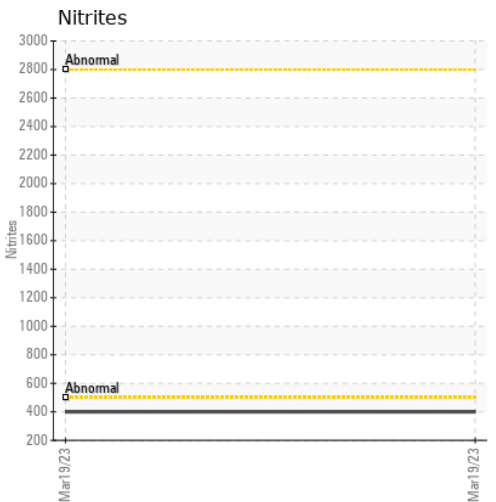
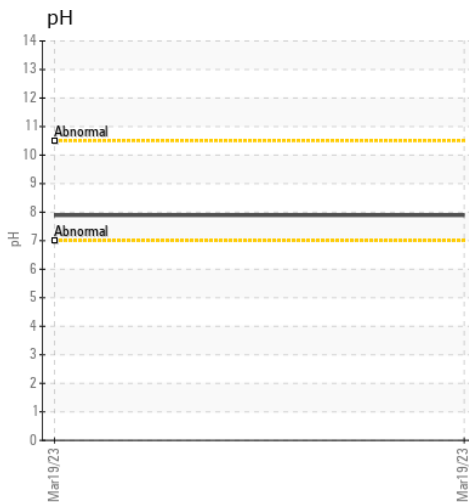
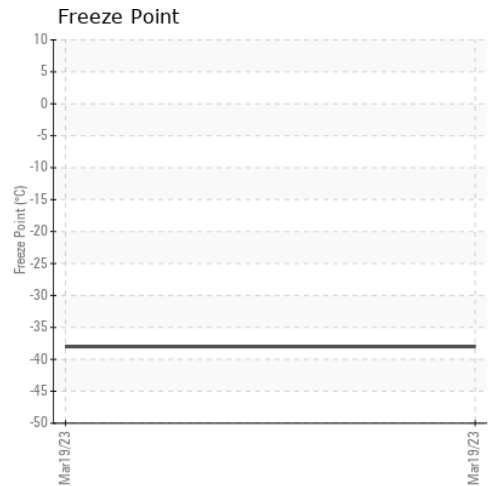
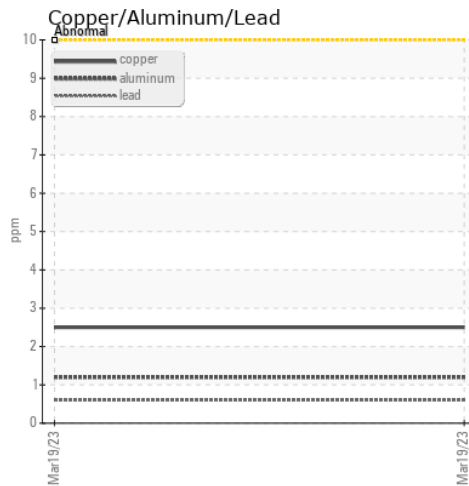
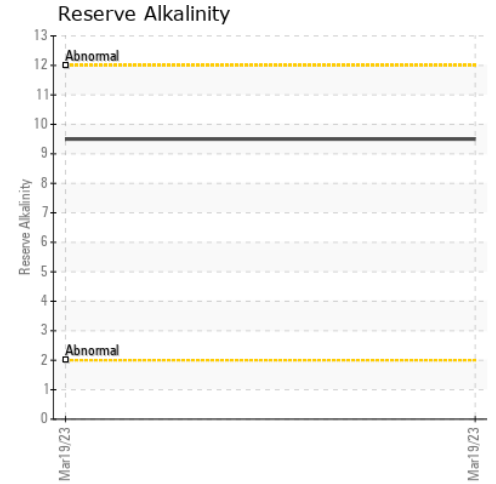
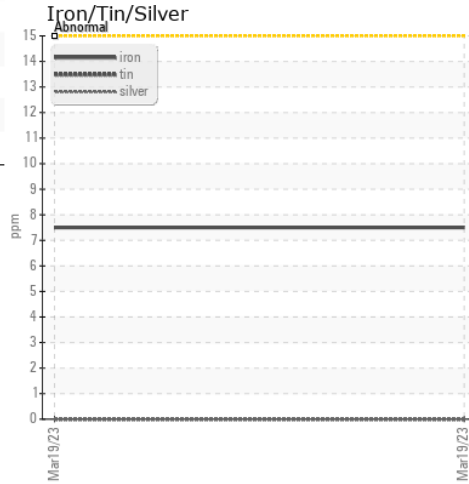
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# COOLANT REPORT



## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0730356  
**Lab Number** : 02549450  
**Unique Number** : 5554460  
**Test Package** : COOL

**CANADIAN COAST GUARD**  
 CCGS CHIGNECTO BAY, 82 BICKERTON EAST  
 PORT BICKERTON, NS  
 CA B0J 1A0  
 Contact: ENGINEER BICKERTON  
 bickertoneng.ccs@dfo-mpo.gc.ca  
 T: (902)364-2555  
 F:

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.