

# COOLANT REPORT

Sample Rating Trend

**NORMAL**



Area  
**[270378]**  
Machine Id  
**COOLANT**  
Component  
**Coolant**  
Fluid  
**HYBRID (HOAT) COOLANT (--- GAL)**

## DIAGNOSIS

### Recommendation

Le fluide peut encore servir. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

### Corrosion

Les concentrations de tous les métaux sont normales indiquant qu'il n'y a pas de corrosion dans le système de refroidissement.

### Contaminants

Il n'y a aucun indice de contamination dans l'agent de refroidissement.

### Coolant Condition

Le niveau de pH de ce fluide est dans les limites acceptables. La réserve d'alcalinité de ce fluide est acceptable.

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>WA0020939</b>	---	---
Sample Date	Client Info		<b>13 Mar 2024</b>	---	---
Machine Age	hrs	Client Info	<b>0</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
Glycol Type	FT-IR		<b>UNK</b>	---	---
Specific Gravity	ASTM D1298*		<b>1.069</b>	---	---
pH	Scale 0-14	ASTM D1287*	<b>8.26</b>	---	---
Nitrites	ppm	Alcan Test Kit*	<b>440</b>	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	<b>2.0</b>	---	---
Percentage Glycol	%	ASTM D3321*	<b>51.6</b>	---	---
Freezing Point	°C	ASTM D3321*	<b>-39</b>	---	---
Carboxylate			<b>---</b>	---	---

## CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	<b>71</b>	---	---
Phosphorus	ppm	ASTM D5185(m)	<b>59</b>	---	---
Boron	ppm	ASTM D5185(m)	<b>24</b>	---	---
Molybdenum	ppm	ASTM D5185(m)	<b>14</b>	---	---

## CORROSION

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

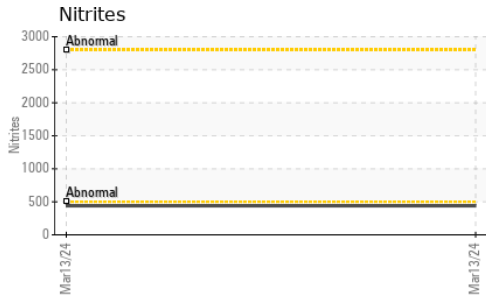
## CARRIER SALTS

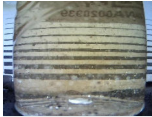
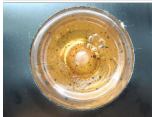
	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		<b>1411</b>	---
Potassium	ppm	ASTM D5185(m)		<b>2163</b>	---

## SCALE POTENTIAL

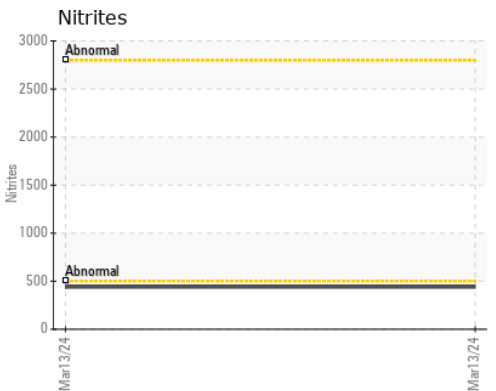
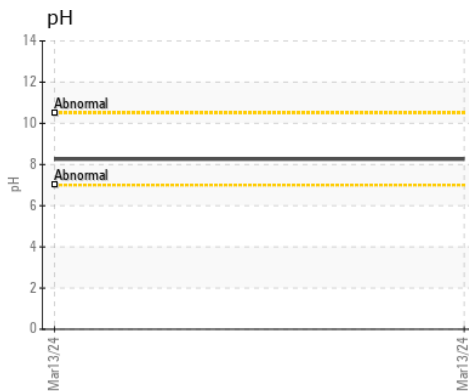
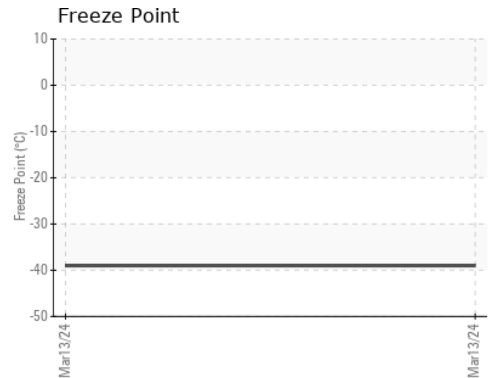
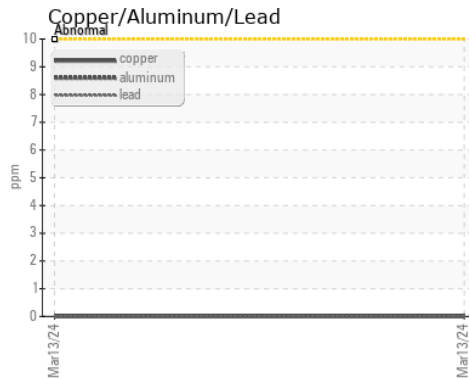
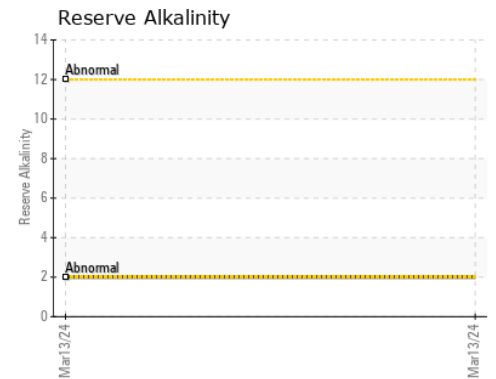
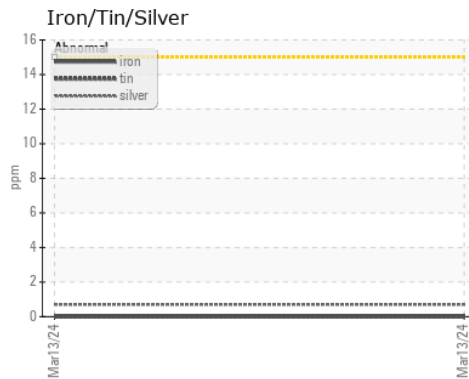
	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	<b>9</b>	---
Magnesium	ppm	ASTM D5185(m)	>40	<b>1</b>	---
Hardness	mg/L CaCO3	In-house*	<75	<b>27</b>	---

# COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Coolant Color	Visual*		<b>Grn/Yellow</b>	---	---
Coolant Appearance	Visual*	Clear	<b>Clear</b>	---	---
Color				no image	no image
Bottom				no image	no image

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WA0020939  
**Lab Number** : 02623554  
**Unique Number** : 5748673  
**Test Package** : COOL ( Additional Tests: GlycolType )

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 Contact: Valerie Poirier  
 poiirivalerie@generatricedrummond.com

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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