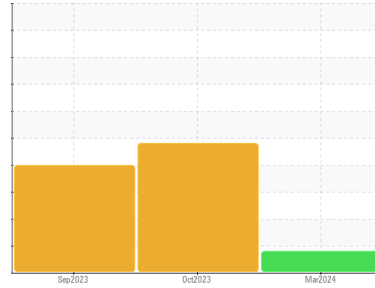




# COOLANT REPORT

## Sample Rating Trend



## APPEARANCE



Machine Id  
**WL0055**

Component

**Coolant**

Fluid

**CONVENTIONAL COOLANT (--- GAL)**

## DIAGNOSIS

### Recommendation

Nous recommandons que vous vidangiez le système et que vous le remplissiez avec un mélange 50/50 eau/antigel. Nous vous conseillons de reconstituer les additifs refroidisseurs supplémentaires, (SCA - supplemental coolant additives) et d'en ajouter selon les indications du fabricant. 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 aucune indication de contamination dans le composant (non confirmée).

### Coolant Condition

The coolant is cloudy indicating either an overconcentration of coolant additives, or a mixing of incompatible coolant technologies. 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>GFL0067532</b>	GFL0067478	GFL0067484
Sample Date	Client Info	<b>25 Mar 2024</b>	17 Oct 2023	14 Sep 2023
Machine Age	kms	<b>0</b>	14365	14119
Oil Age	kms	<b>0</b>	0	0
Oil Changed	Client Info	<b>N/A</b>	N/A	N/A
Sample Status		<b>ABNORMAL</b>	ABNORMAL	ABNORMAL

## PHYSICAL TEST RESULTS

method	limit/base	current	history1	history2
Glycol Type	FT-IR	<b>UNK</b>	---	---
Specific Gravity	ASTM D1298*	<b>1.068</b>	1.065	1.064
pH	Scale 0-14	<b>8.40</b>	▲ 7.35	▲ 7.63
Nitrites	ppm	<b>440</b>	▲ 360	▲ 440
Reserve Alkalinity	Scale 0-20	<b>11.0</b>	▲ 2.4	▲ 2.6
Percentage Glycol	%	<b>50.2</b>	47.9	47.4
Freezing Point	°C	<b>-37</b>	-28	-28
Carboxylate		<b>---</b>	---	---

## CORROSION INHIBITORS

method	limit/base	current	history1	history2
Silicon	ppm	<b>33</b>	59	55
Phosphorus	ppm	<b>190</b>	223	130
Boron	ppm	<b>30</b>	284	246
Molybdenum	ppm	<b>477</b>	51	6

## CORROSION

method	limit/base	current	history1	history2
Iron	ppm	<b>0</b>	<1	<1
Aluminum	ppm	<b>3</b>	0	0
Copper	ppm	<b>&lt;1</b>	4	3
Lead	ppm	<b>0</b>	0	0
Tin	ppm	<b>0</b>	0	0
Silver	ppm	<b>&lt;1</b>	<1	<1
Zinc	ppm	<b>&lt;1</b>	<1	0

## CARRIER SALTS

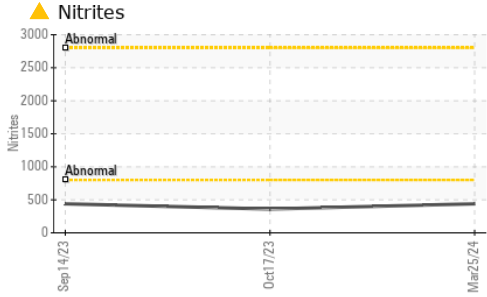
method	limit/base	current	history1	history2
Sodium	ppm	<b>8042</b>	2224	1588
Potassium	ppm	<b>728</b>	850	488

## SCALE POTENTIAL

method	limit/base	current	history1	history2
Calcium	ppm	<b>2</b>	3	2
Magnesium	ppm	<b>2</b>	1	<1
Hardness	mg/L CaCO3	<b>14</b>	12	8

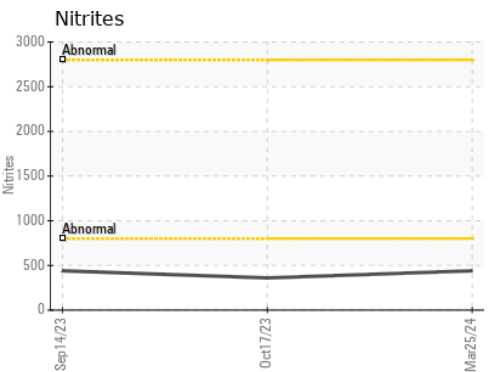
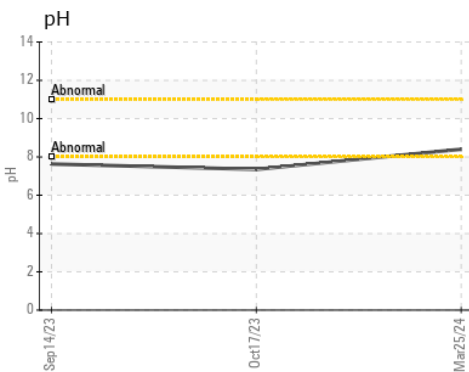
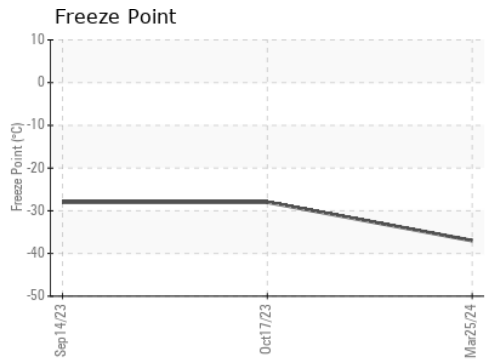
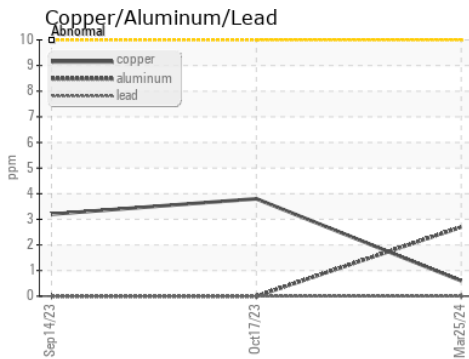
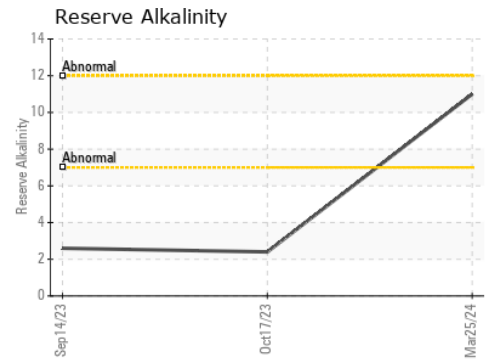
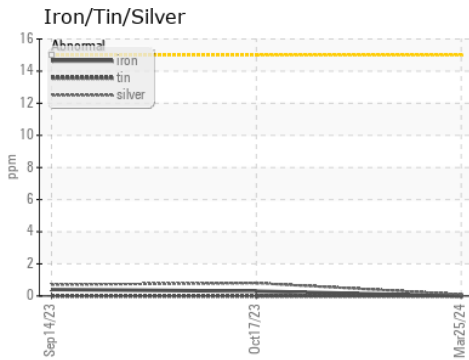


# COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Coolant Color	Visual*	Green	<b>Grrn/Yellow</b>	Green	Green
Coolant Appearance	Visual*	Clear	<b>▲ Cloudy</b>	▲ Cloudy	Cloudy
Color					
Bottom					

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9    GFL Environmental - 743 - Montreal Est CD Processing  
**Sample No.** : GFL0067532    **Received** : 28 Mar 2024    10930 rue Sherbrooke  
**Lab Number** : 02625465    **Tested** : 28 Mar 2024    Montreal, QC  
**Unique Number** : 5750584    **Diagnosed** : 01 Apr 2024 - Kevin Marson    CA H1B 1B4  
**Test Package** : COOL ( Additional Tests: GlycolType )    Contact: Patrick Beaulieu  
 patrick.beaulieu@gflenv.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.