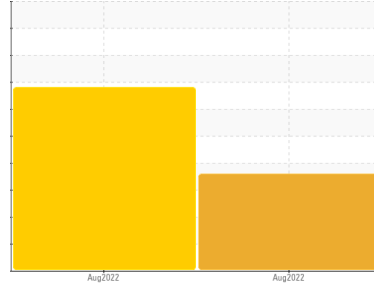


# COOLANT REPORT

Sample Rating Trend

SCAS

Area  
**WAJAX [6100269474]**  
Machine Id  
**GD10689C**  
Component  
**Coolant**  
Fluid  
**EXTENDED LIFE COOLANT (--- GAL)**



## DIAGNOSIS

### Recommendation

Nous recommandons la vidange du système et le remplissage avec un mélange 50/50 d'antigel longue durée et d'eau. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

### Corrosion

La concentration du fer est anormale/sévère indiquant la présence de rouille dans le système qui pourrait l'obstruer.

### Contaminants

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

### Coolant Condition

La réserve d'alcalinité de ce fluide est anormalement basse. Le bas niveau de nitrites indique une réduction de la protection contre la cavitation qui peut entraîner de la corrosion et la formation d'ammoniacque. Le niveau de pH de ce fluide est dans les limites acceptables.

## SAMPLE INFORMATION

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>WA0020945</b>	GD0005814	---
Sample Date	Client Info	<b>04 Aug 2022</b>	04 Aug 2022	---
Machine Age	hrs	<b>0</b>	0	---
Oil Age	hrs	<b>0</b>	0	---
Oil Changed	Client Info	<b>N/A</b>	N/A	---
Sample Status		<b>ABNORMAL</b>	SEVERE	---

## PHYSICAL TEST RESULTS

method	limit/base	current	history1	history2
Glycol Type	FT-IR	<b>UNK</b>	---	---
Specific Gravity	ASTM D1298*	<b>1.069</b>	1.067	---
pH	Scale 0-14	<b>7.00</b>	8.02	---
Nitrites	ppm	<b>▲ 480</b>	320	---
Reserve Alkalinity	Scale 0-20	<b>▲ 1.3</b>	2.0	---
Percentage Glycol	%	<b>51.6</b>	49.7	---
Freezing Point	°C	<b>-39</b>	-33	---
Carboxylate		<b>---</b>	---	---

## CORROSION INHIBITORS

method	limit/base	current	history1	history2
Silicon	ppm	<b>54</b>	76	---
Phosphorus	ppm	<b>23</b>	48	---
Boron	ppm	<b>44</b>	54	---
Molybdenum	ppm	<b>99</b>	125	---

## CORROSION

method	limit/base	current	history1	history2
Iron	ppm	<b>▲ 87</b>	▲ 146	---
Aluminum	ppm	<b>&lt;1</b>	2	---
Copper	ppm	<b>&lt;1</b>	4	---
Lead	ppm	<b>0</b>	5	---
Tin	ppm	<b>1</b>	6	---
Silver	ppm	<b>&lt;1</b>	0	---
Zinc	ppm	<b>0</b>	6	---

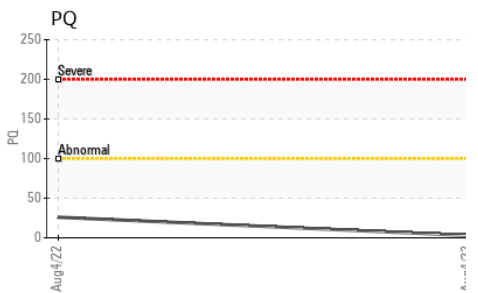
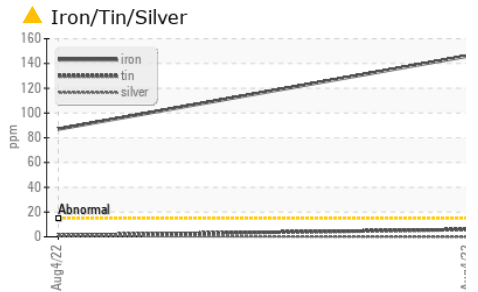
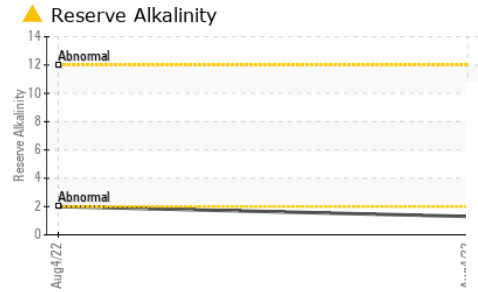
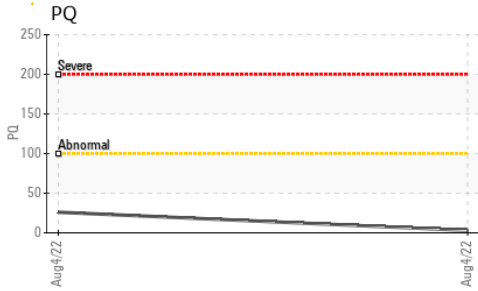
## CARRIER SALTS





method	limit/base	current	history1	history2
Sodium	ppm	<b>1136</b>	1035	---
Potassium	ppm	<b>2500</b>	1560	---

## SCALE POTENTIAL

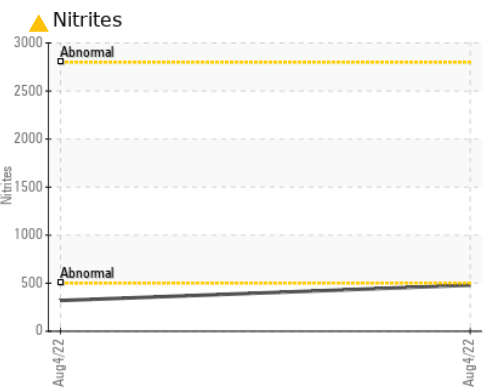
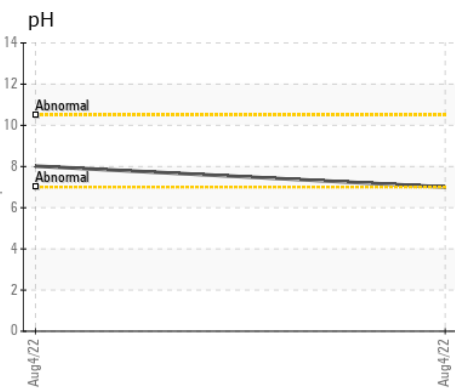
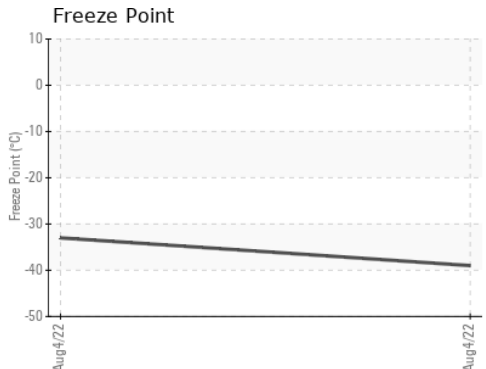
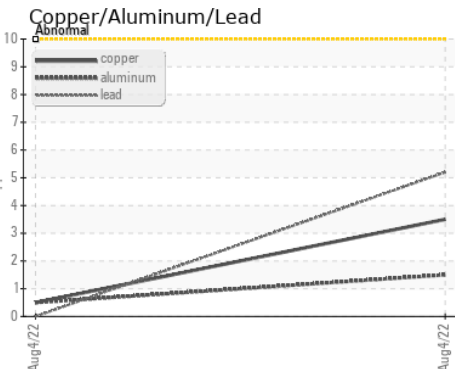
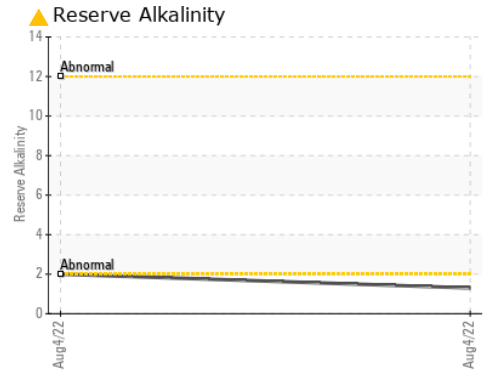
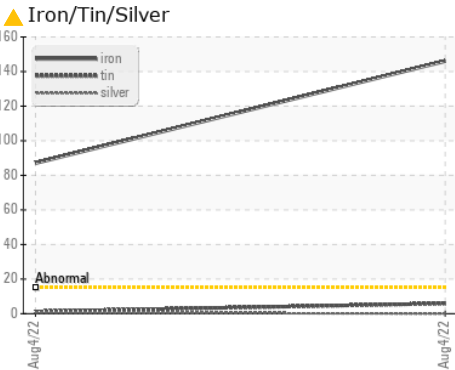
method	limit/base	current	history1	history2
Calcium	ppm	<b>4</b>	4	---
Magnesium	ppm	<b>1</b>	2	---
Hardness	mg/L CaCO3	<b>16</b>	16	---

# COOLANT REPORT



VISUAL	method	limit/base	current	history1	history2
Coolant Color	Visual*	Orange/R	<b>Orange</b>	Orange	---
Coolant Appearance	Visual*	Clear	<b>Clear</b>	▲ Cloudy	---
Color					no image
Bottom					no image

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WA0020945 **Received** : 20 Mar 2024  
**Lab Number** : **02623556** **Tested** : 21 Mar 2024  
**Unique Number** : 5748675 **Diagnosed** : 21 Mar 2024 - Kevin Marson  
**Test Package** : COOL ( Additional Tests: GlycolType, PQ )

**Generatrice Drummond**  
 243 rue des ARTISANS  
 SAINT-GERMAIN-DE-GRANTHAM, QC  
 CA J0C 1K0  
 Contact: Valerie Poirier  
 poirievalerie@generatricedrummond.com  
 T: (819)398-6811  
 F: (819)398-7022

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.