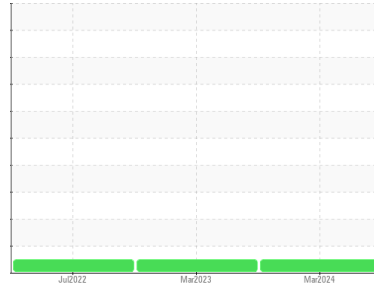


# COOLANT REPORT

Sample Rating Trend

**NORMAL**



Area  
**WAJAX [268495]**  
Machine Id  
**GD10689A**

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 nitrite est acceptable. 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>WA0020941</b>	GD0005193	GD0005450
Sample Date	Client Info		<b>14 Mar 2024</b>	28 Mar 2023	28 Jul 2022
Machine Age	hrs	Client Info	<b>0</b>	792	40
Oil Age	hrs	Client Info	<b>0</b>	0	7
Oil Changed	Client Info		<b>N/A</b>	N/A	Changed
Sample Status			<b>NORMAL</b>	NORMAL	NORMAL

## PHYSICAL TEST RESULTS

	method	limit/base	current	history1	history2
Glycol Type	FT-IR		<b>UNK</b>	---	---
Specific Gravity	ASTM D1298*		<b>1.067</b>	1.067	1.068
pH	Scale 0-14	ASTM D1287*	<b>8.06</b>	8.21	8.44
Nitrites	ppm	Alcan Test Kit*	<b>880</b>	240	600
Reserve Alkalinity	Scale 0-20	ASTM D1121*	<b>3.2</b>	4.6	7.8
Percentage Glycol	%	ASTM D3321*	<b>49.5</b>	49.7	50.8
Freezing Point	°C	ASTM D3321*	<b>-36</b>	-33	-35
Carboxylate			<b>---</b>	---	---

## CORROSION INHIBITORS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	<b>86</b>	127	34
Phosphorus	ppm	ASTM D5185(m)	<b>49</b>	76	199
Boron	ppm	ASTM D5185(m)	<b>8</b>	28	28
Molybdenum	ppm	ASTM D5185(m)	<b>183</b>	279	600

## CORROSION

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

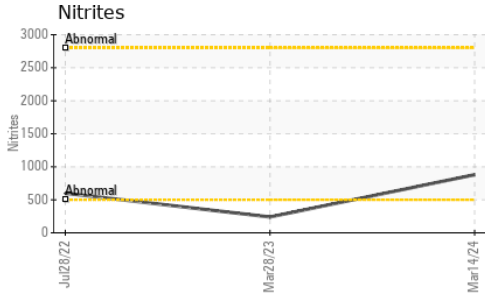
## CARRIER SALTS

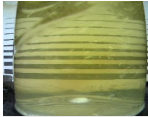
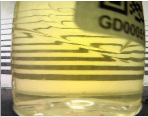
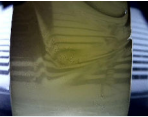



	method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		<b>2215</b>	1977
Potassium	ppm	ASTM D5185(m)		<b>3692</b>	1982

## SCALE POTENTIAL

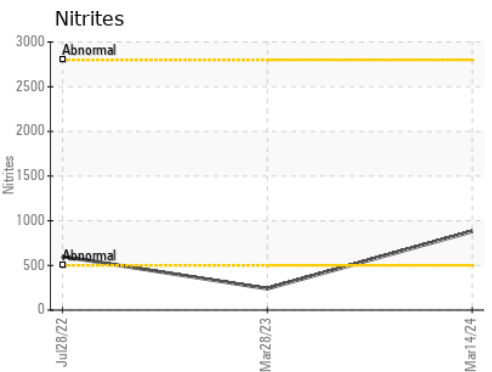
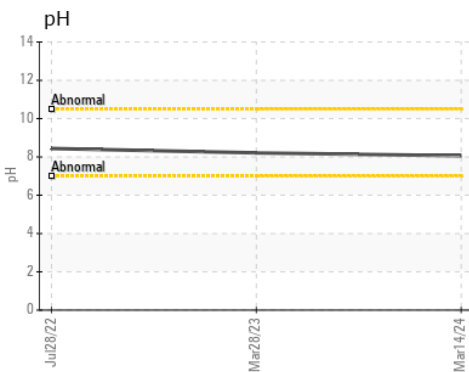
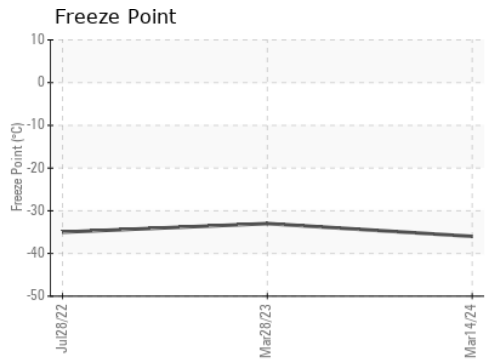
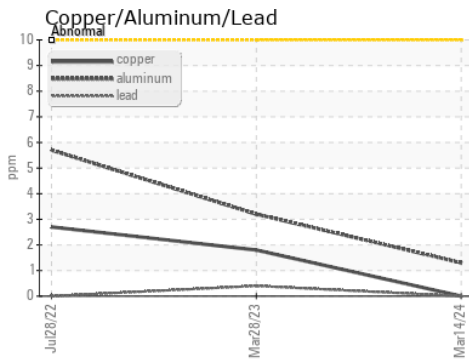
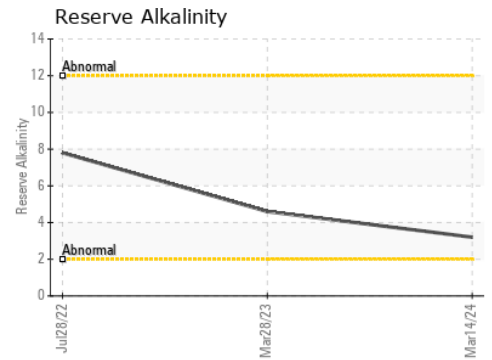
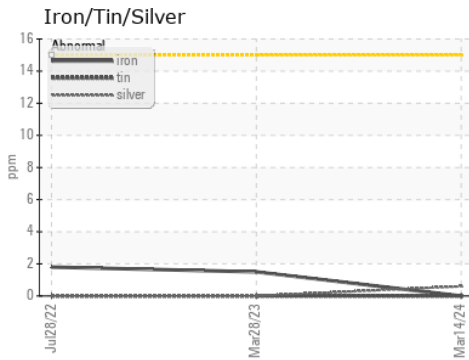
	method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	<b>4</b>	0
Magnesium	ppm	ASTM D5185(m)	>40	<b>2</b>	4
Hardness	mg/L CaCO3	In-house*	<75	<b>16</b>	15

# COOLANT REPORT



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

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WA0020941 **Received** : 20 Mar 2024  
**Lab Number** : **02623557** **Tested** : 21 Mar 2024  
**Unique Number** : 5748676 **Diagnosed** : 21 Mar 2024 - Kevin Marson  
**Test Package** : COOL ( Additional Tests: GlycolType )

**Generatrice Drummond**  
 243 rue des ARTISANS  
 SAINT-GERMAIN-DE-GRANTHAM, QC  
 CA J0C 1K0  
 Contact: Valerie Poirier  
 poiirivalerie@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.