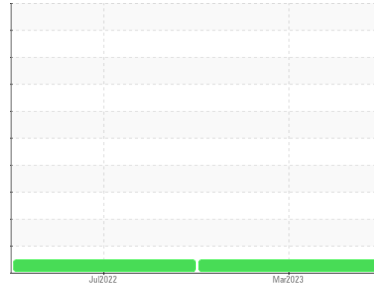




# COOLANT REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**DETROIT GD10689B**

Component  
**Coolant**  
Fluid  
**HYBRID (HOAT) COOLANT (--- GAL)**

## DIAGNOSIS

### Recommendation

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indiqua que ce fluide est du (GENERIC) HYBRID (HOAT) COOLANT. Veuillez confirmer.

### Corrosion

Les taux d'usure de tous les composants sont normaux.

### Contaminants

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

### Coolant Condition

L'état de l'agent de refroidissement est acceptable pour la durée de service.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>GD0005206</b>	GD0005449	---
Sample Date	Client Info			<b>22 Mar 2023</b>	28 Jul 2022	---
Machine Age	hrs	Client Info		<b>1739</b>	40	---
Oil Age	hrs	Client Info		<b>0</b>	7	---
Oil Changed	Client Info			<b>N/A</b>	Changed	---
Sample Status				<b>NORMAL</b>	NORMAL	---

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Specific Gravity	ASTM D1298*			<b>1.067</b>	1.068	---
pH	Scale 0-14	ASTM D1287*		<b>8.31</b>	8.41	---
Nitrites	ppm	Alcan Test Kit*		<b>240</b>	520	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*		<b>4.5</b>	8.2	---
Percentage Glycol	%	ASTM D3321*		<b>50.0</b>	50.9	---
Freezing Point	°C	ASTM D3321*		<b>-35</b>	-35	---
Carboxylate				---	---	---

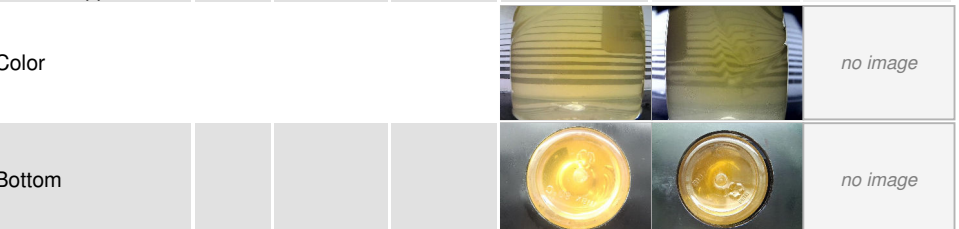
CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		<b>106</b>	29	---
Phosphorus	ppm	ASTM D5185(m)		<b>93</b>	173	---
Boron	ppm	ASTM D5185(m)		<b>7</b>	20	---
Molybdenum	ppm	ASTM D5185(m)		<b>260</b>	589	---

CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	<b>2</b>	2	---
Aluminum	ppm	ASTM D5185(m)	>10	<b>3</b>	5	---
Copper	ppm	ASTM D5185(m)	>10	<b>2</b>	2	---
Lead	ppm	ASTM D5185(m)	>10	<b>2</b>	0	---
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	---
Silver	ppm	ASTM D5185(m)	>10	<b>0</b>	0	---
Zinc	ppm	ASTM D5185(m)		<b>&lt;1</b>	<1	---

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		<b>2011</b>	4296	---
Potassium	ppm	ASTM D5185(m)		<b>1725</b>	814	---

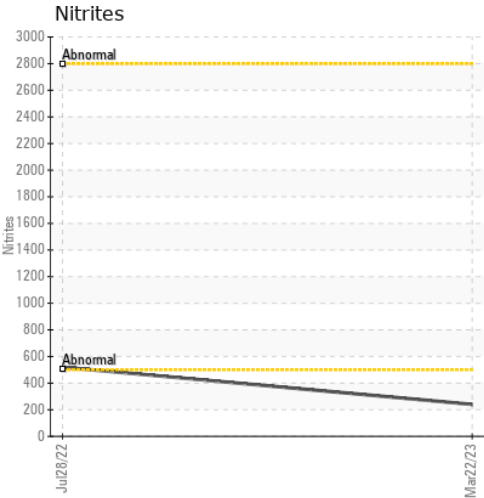
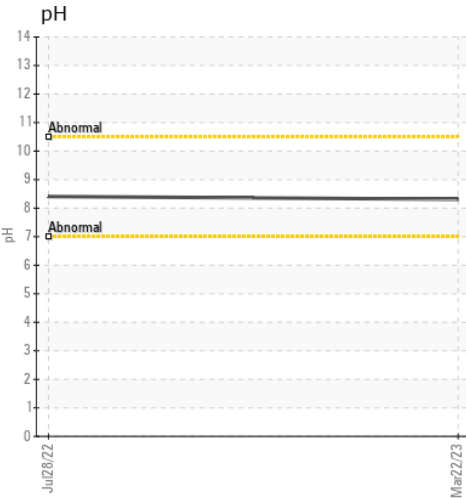
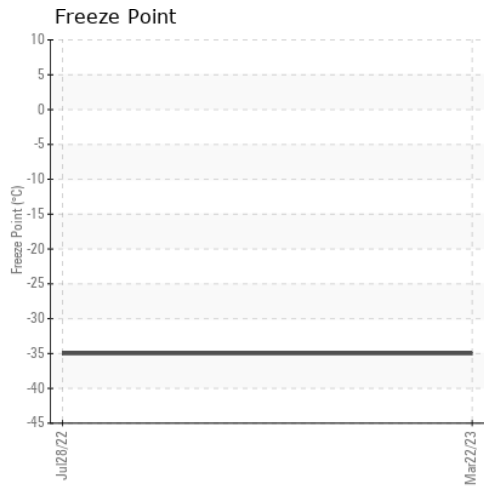
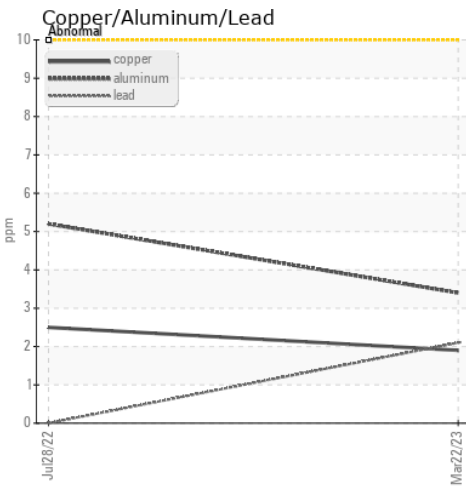
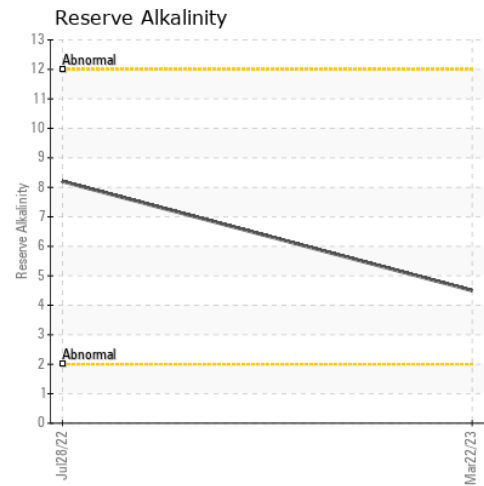
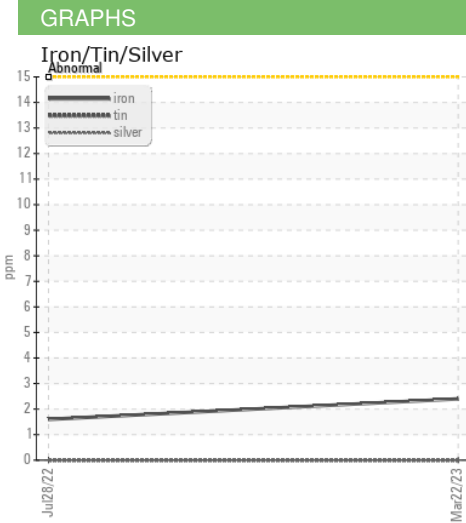
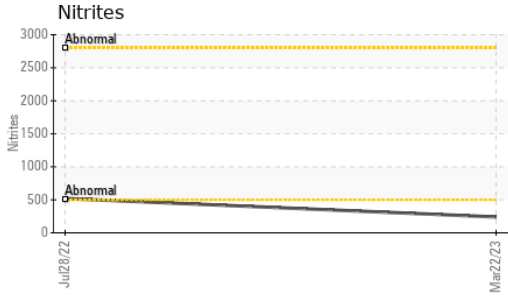
SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	<b>0</b>	4	---
Magnesium	ppm	ASTM D5185(m)	>40	<b>3</b>	3	---
Hardness	mg/L CaCO3	In-house*	<75	<b>12</b>	21	---

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





# COOLANT REPORT



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GD0005206  
**Lab Number** : 02548211  
**Unique Number** : 5553221  
**Test Package** : COOL

**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.