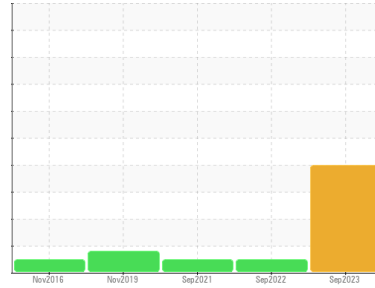


# COOLANT REPORT

Sample Rating Trend

SCAS

Area  
**[205661]**  
Machine Id  
**ONAN GD10589I**  
Component  
**Coolant**  
Fluid  
**HYBRID (HOAT) 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 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'ammoniac. Le pH est bas et peut entraîner la formation de rouille.

SAMPLE INFORMATION		method	limit/base	current	history1	history2
Sample Number	Client Info			<b>WA0019835</b>	GD0005861	GD0004635
Sample Date	Client Info			<b>26 Sep 2023</b>	14 Sep 2022	22 Sep 2021
Machine Age	hrs	Client Info		<b>1302</b>	0	0
Oil Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed	Client Info			<b>Not Chngd</b>	N/A	N/A
Sample Status				<b>ABNORMAL</b>	NORMAL	NORMAL

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Specific Gravity	ASTM D1298*			<b>1.070</b>	1.065	1.075
pH	Scale 0-14	ASTM D1287*		<b>▲ 6.71</b>	7.30	7.72
Nitrites	ppm	Alcan Test Kit*		<b>▲ 280</b>	360	680
Reserve Alkalinity	Scale 0-20	ASTM D1121*		<b>▲ 1.8</b>	11.2	8.0
Percentage Glycol	%	ASTM D3321*		<b>52.8</b>	48.0	63.0
Freezing Point	°C	ASTM D3321*		<b>-40</b>	-31	-62
Carboxylate				<b>---</b>	---	---

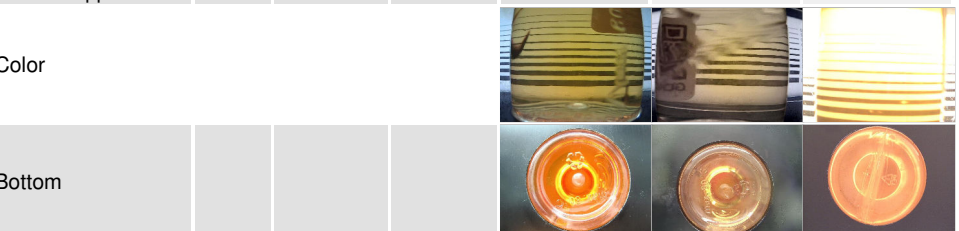
CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)		<b>70</b>	72	42
Phosphorus	ppm	ASTM D5185(m)		<b>17</b>	55	56
Boron	ppm	ASTM D5185(m)		<b>7</b>	19	67
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	24	25

CORROSION		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185(m)	>15	<b>0</b>	4	<1
Aluminum	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	2	2
Copper	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	2	2
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	1	1
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	<1
Silver	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	0	<1
Zinc	ppm	ASTM D5185(m)		<b>0</b>	3	1

CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		<b>2133</b>	1612	2690
Potassium	ppm	ASTM D5185(m)		<b>3070</b>	1722	1174

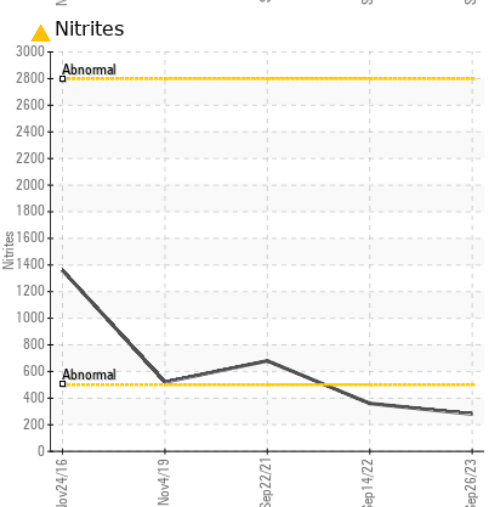
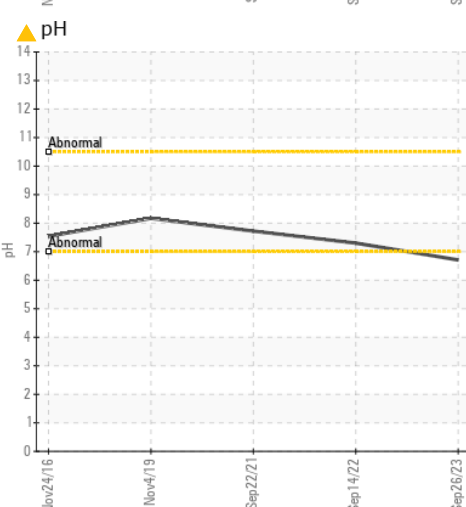
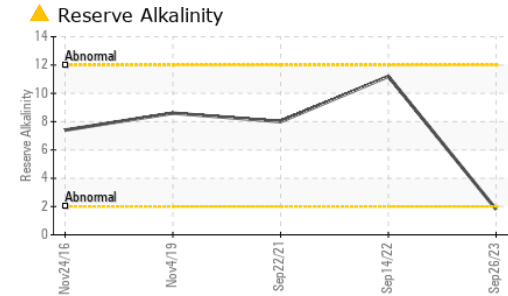
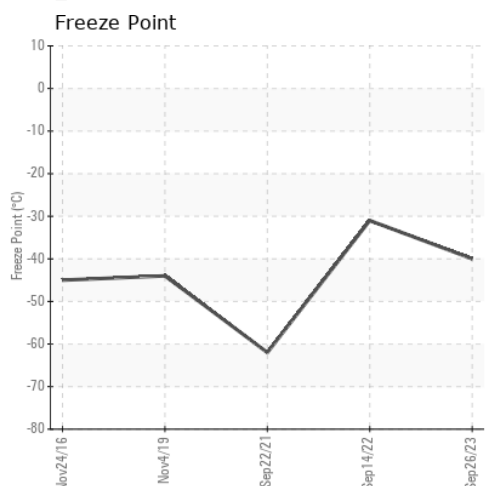
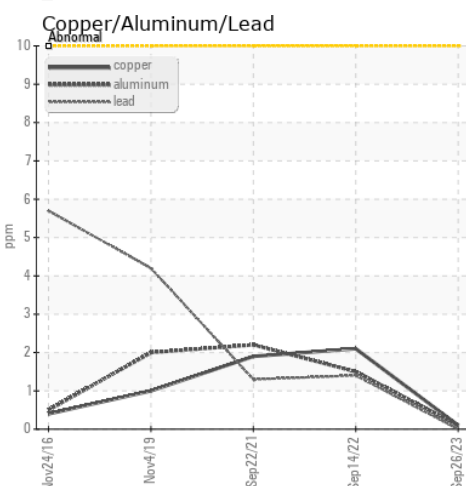
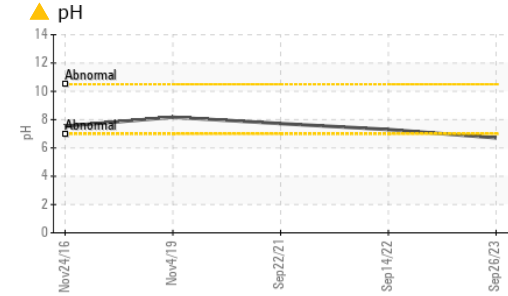
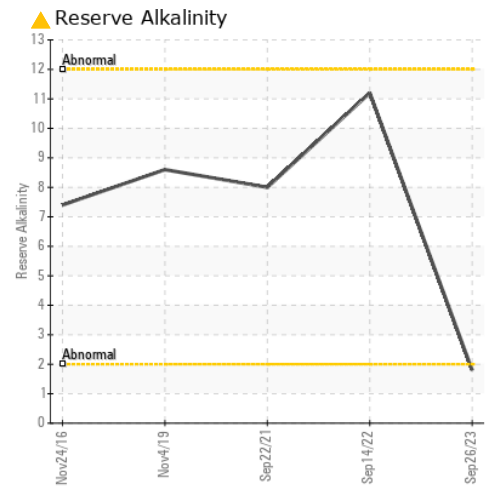
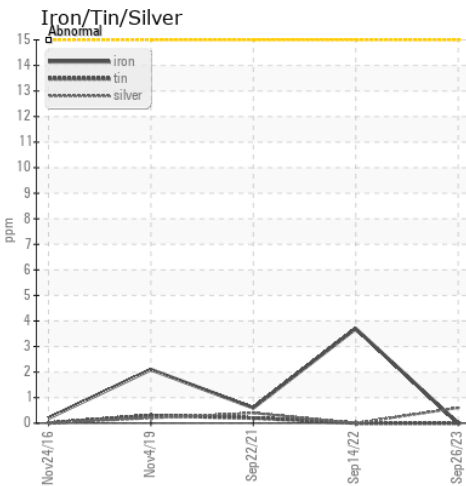
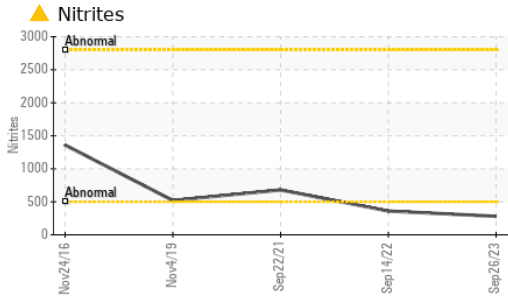
SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	<b>4</b>	3	1
Magnesium	ppm	ASTM D5185(m)	>40	<b>2</b>	3	1
Hardness	mg/L CaCO3	In-house*	<75	<b>18</b>	21	---

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



# COOLANT REPORT

## GRAPHS



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WA0019835  
**Lab Number** : 02586538  
**Unique Number** : 5655604  
**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.