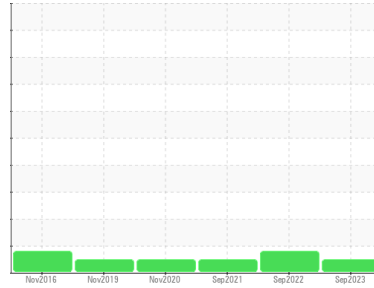


# COOLANT REPORT

Sample Rating Trend

**NORMAL**



Area  
**DOUONE HEMMINGFORD [205651]**  
Machine Id  
**ONAN GD10589**

Component  
**Coolant**  
Fluid  
**VALVOLINE ZEREX G-05 ANTI-FREEZE (--- 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>WA0019895</b>	GD0005858	GD0004634
Sample Date	Client Info			<b>25 Sep 2023</b>	15 Sep 2022	20 Sep 2021
Machine Age	hrs	Client Info		<b>1883</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>NORMAL</b>	ABNORMAL	NORMAL

PHYSICAL TEST RESULTS		method	limit/base	current	history1	history2
Specific Gravity	ASTM D1298*	1.060		<b>1.071</b>	1.068	1.071
pH	Scale 0-14	ASTM D1287*	8.0	<b>9.00</b>	9.49	9.30
Nitrites	ppm	Alcan Test Kit*		<b>520</b>	600	520
Reserve Alkalinity	Scale 0-20	ASTM D1121*	10.0	<b>7.8</b>	10.6	7.4
Percentage Glycol	%	ASTM D3321*	50	<b>53.0</b>	50.5	53.0
Freezing Point	°C	ASTM D3321*	-36	<b>-43</b>	-35	-42
Carboxylate				<b>---</b>	---	---

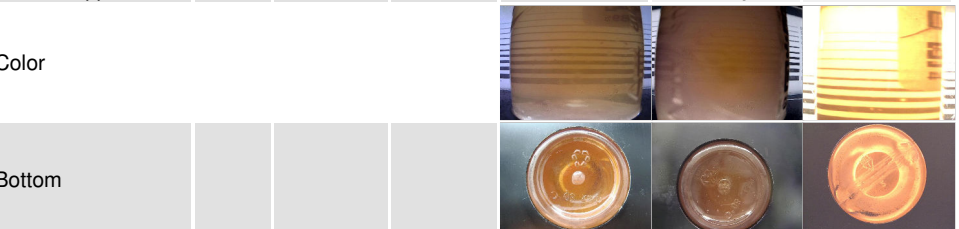
CORROSION INHIBITORS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185(m)	240	<b>40</b>	40	19
Phosphorus	ppm	ASTM D5185(m)	0	<b>5</b>	9	5
Boron	ppm	ASTM D5185(m)		<b>26</b>	47	26
Molybdenum	ppm	ASTM D5185(m)		<b>5</b>	4	58

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>	1	2
Copper	ppm	ASTM D5185(m)	>10	<b>0</b>	3	<1
Lead	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	4	2
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	2	3
Silver	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	0	<1
Zinc	ppm	ASTM D5185(m)		<b>0</b>	2	2

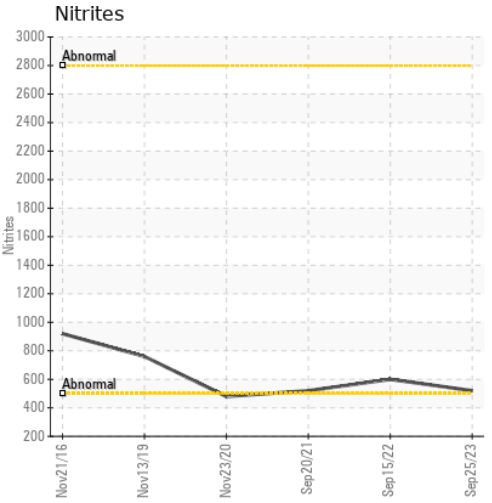
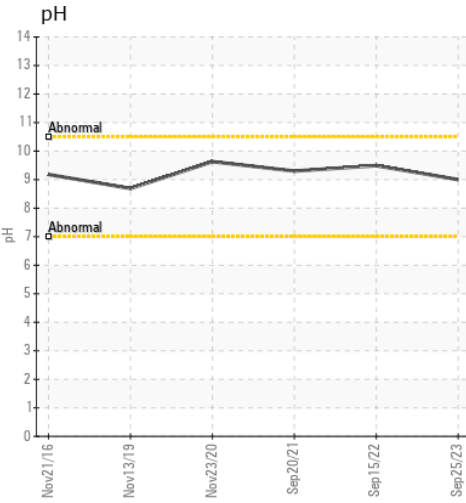
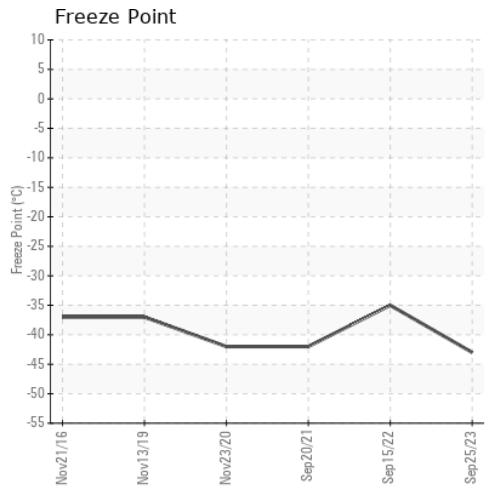
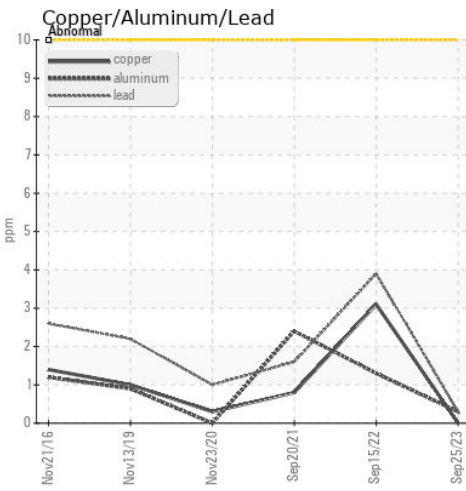
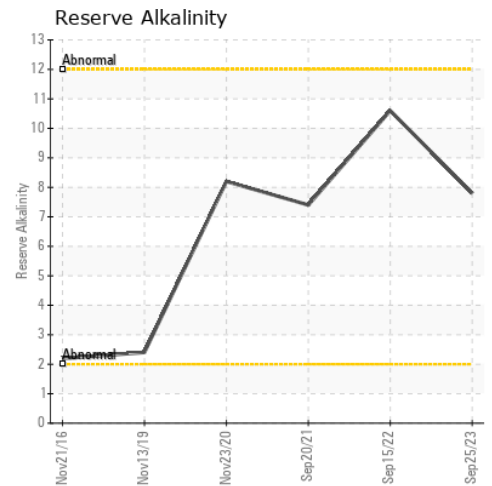
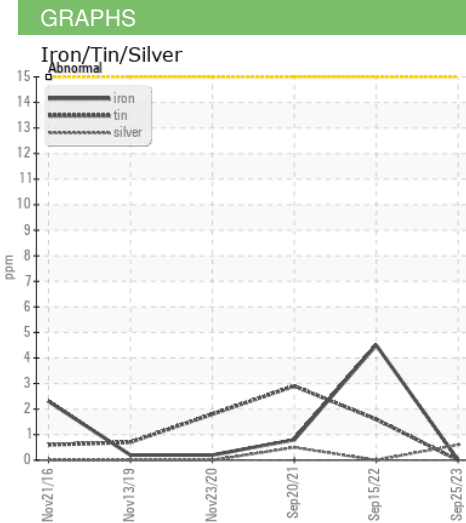
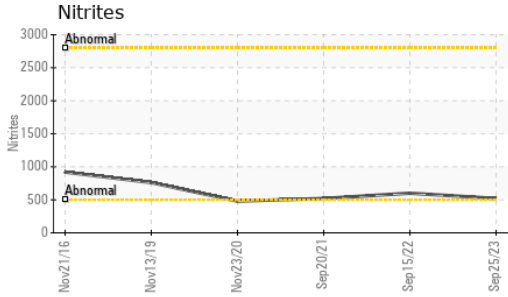
CARRIER SALTS		method	limit/base	current	history1	history2
Sodium	ppm	ASTM D5185(m)		<b>10605</b>	4762	2637
Potassium	ppm	ASTM D5185(m)		<b>718</b>	573	522

SCALE POTENTIAL		method	limit/base	current	history1	history2
Calcium	ppm	ASTM D5185(m)	>100	<b>4</b>	6	2
Magnesium	ppm	ASTM D5185(m)	>40	<b>1</b>	2	1
Hardness	mg/L CaCO3	In-house*	<75	<b>15</b>	24	---

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



# COOLANT REPORT



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WA0019895  
**Lab Number** : 02586537  
**Unique Number** : 5655603  
**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.