



# COOLANT REPORT

CORROSION	<b>NORMAL</b>
CONTAMINANTS	<b>NORMAL</b>
COOLANT CONDITION	<b>NORMAL</b>

Area

[29043]

Machine Id

**NO UNIT WC0933622**

Component

**Coolant**

Fluid

**HYBRID (HOAT) COOLANT (--- GAL)**

## RECOMMENDATION

The fluid is suitable for further service. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>WC0933622</b>	---	---
Sample Date		Client Info		<b>24 Apr 2024</b>	---	---
Machine Age	hrs	Client Info		<b>0</b>	---	---
Oil Age	hrs	Client Info		<b>0</b>	---	---
Oil Changed		Client Info		<b>N/A</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

## CORROSION

All metal levels are normal indicating no corrosion in the cooling system.

Iron	ppm	ASTM D5185(m)	>15	<b>3</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	---	---
Copper	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	---	---
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	---	---
Tin	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	---	---
Silver	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	---	---
Zinc	ppm	ASTM D5185(m)	>10	<b>2</b>	---	---

## CONTAMINANTS

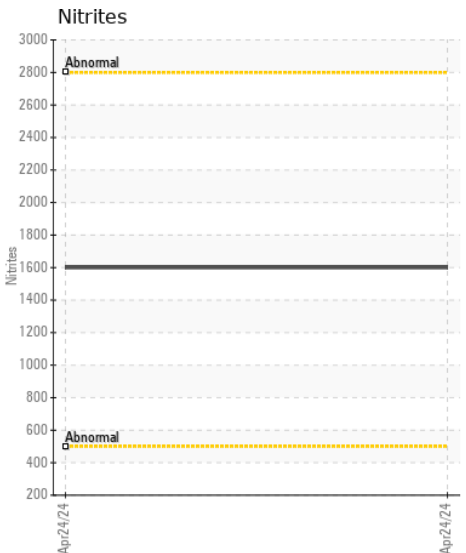
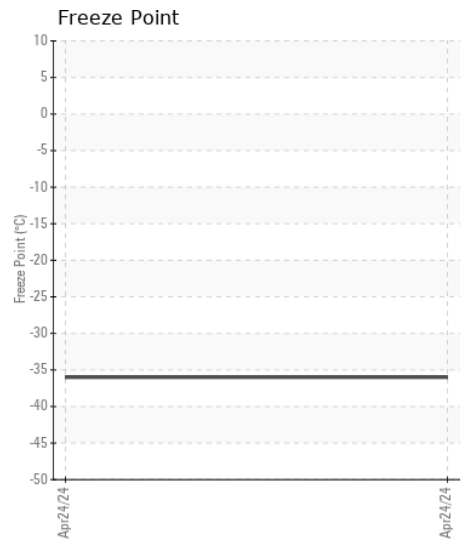
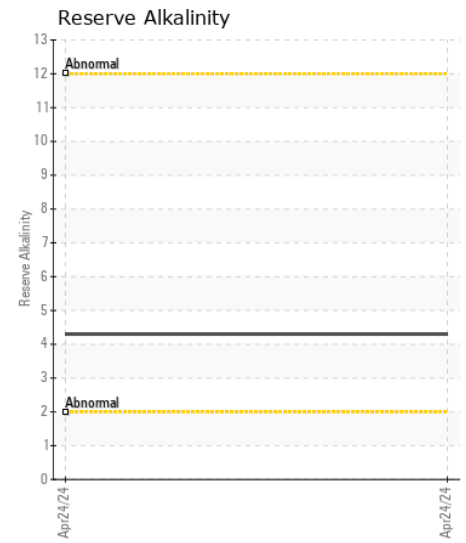
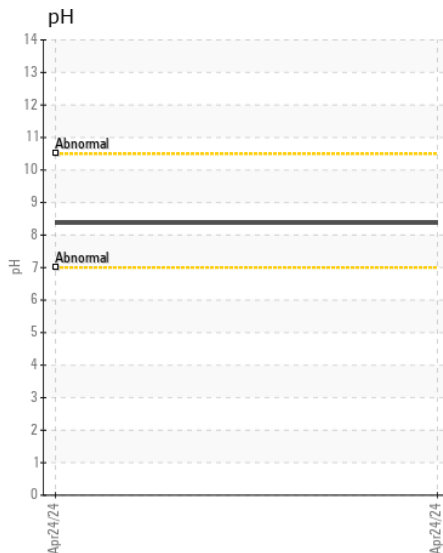
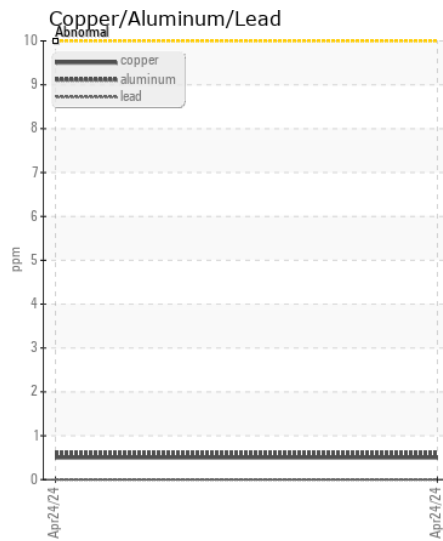
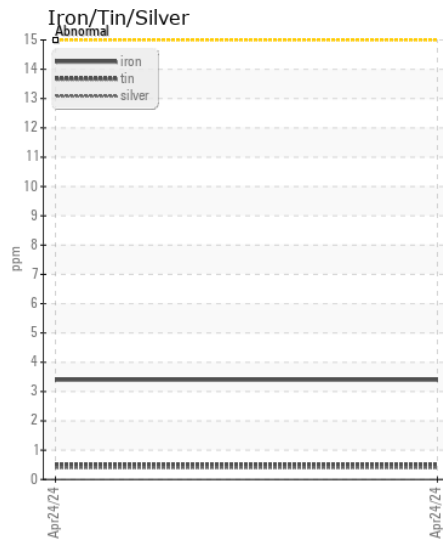
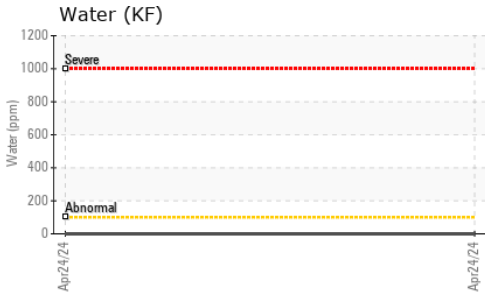
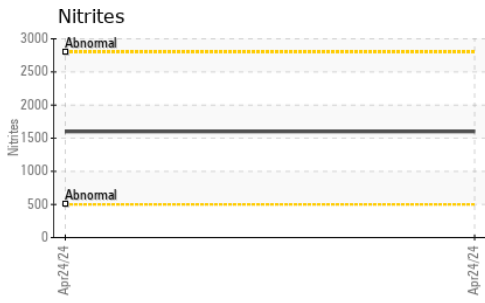
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>2</b>	---	---
Magnesium	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	---	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	---	---
Coolant Appearance		Visual*	Clear	<b>Clear</b>	---	---

## COOLANT CONDITION

The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

Boiling Point	°C	WC Method*		<b>107</b>	---	---
Specific Gravity		ASTM D1298*		<b>1.067</b>	---	---
pH	Scale 0-14	ASTM D1287*		<b>8.37</b>	---	---
Nitrites	ppm	Alcan Test Kit*		<b>1600</b>	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*		<b>4.3</b>	---	---
Percentage Glycol	%	ASTM D3321*		<b>49.4</b>	---	---
Freezing Point	°C	ASTM D3321*		<b>-36</b>	---	---
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)		<b>17</b>	---	---
Phosphorus	ppm	ASTM D5185(m)		<b>192</b>	---	---
Boron	ppm	ASTM D5185(m)		<b>195</b>	---	---
Molybdenum	ppm	ASTM D5185(m)		<b>45</b>	---	---
Sodium	ppm	ASTM D5185(m)		<b>2140</b>	---	---
Potassium	ppm	ASTM D5185(m)		<b>291</b>	---	---
Coolant Color		Visual*		<b>Pink</b>	---	---



ISO 17025:2017  
Accredited  
Laboratory

**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0933622  
**Lab Number** : 02631780  
**Unique Number** : 5772933  
**Test Package** : COOL ( Additional Tests: GlycolType, KF )

**SOMMERS GENERATOR SALES LTD.**  
 70 PACKHAM AVENUE  
 STRATFORD, ON  
 CA N4Z 0A6  
 Contact: Pat Devereaux  
 pat.devereaux@sommersgen.com  
 T: (519)655-2396  
 F: (519)655-6881

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.