



# COOLANT REPORT

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

Area

**[153491]**

Machine Id

**74232899**

Component

**Coolant**

Fluid

**CONVENTIONAL 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>CU0022843</b>	CU0015295	---
Sample Date		Client Info		<b>13 Mar 2024</b>	08 Jan 2020	---
Machine Age	hrs	Client Info		<b>53</b>	24	---
Oil Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	---
Sample Status				<b>NORMAL</b>	NORMAL	---

## CORROSION

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

Iron	ppm	ASTM D5185(m)	>15	<b>0</b>	0	---
Aluminum	ppm	ASTM D5185(m)	>10	<b>2</b>	5	---
Copper	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	1	---
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	---
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	---
Silver	ppm	ASTM D5185(m)	>10	<b>0</b>	0	---
Zinc	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	0	---

## CONTAMINANTS

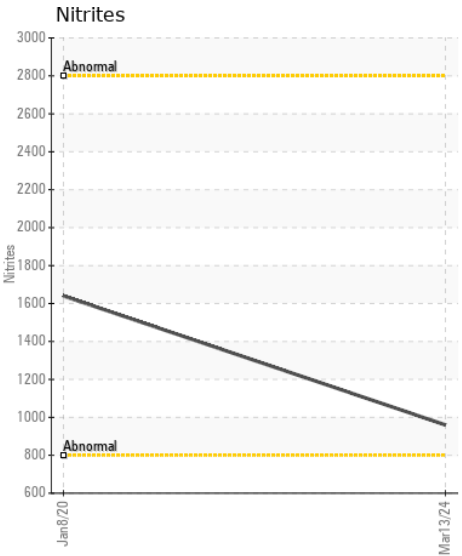
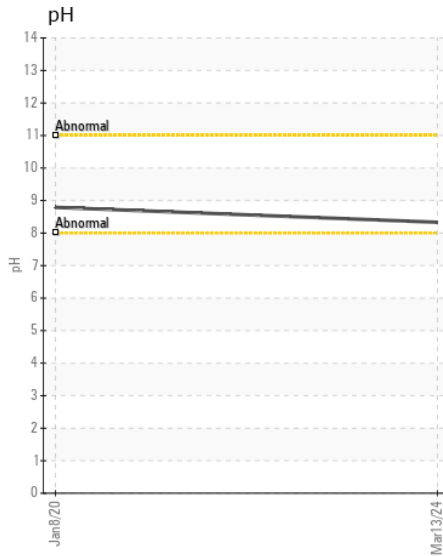
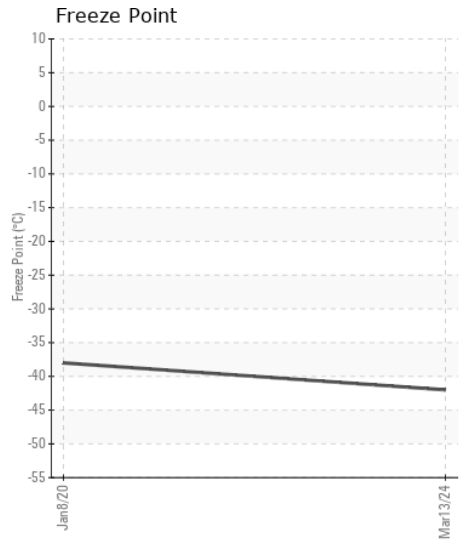
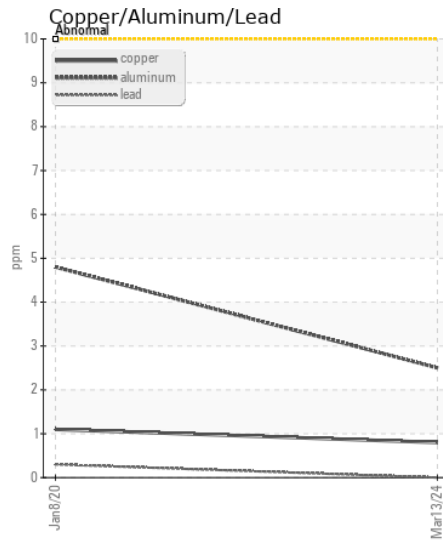
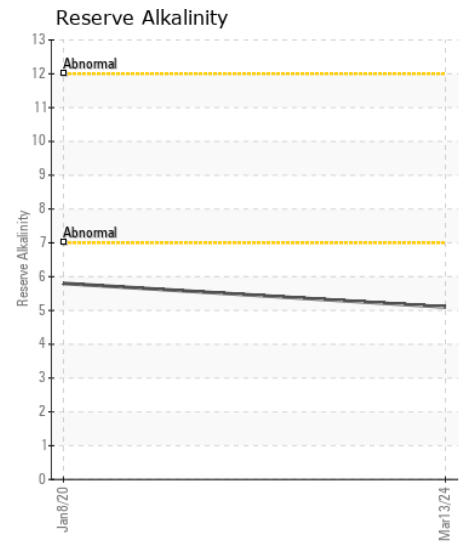
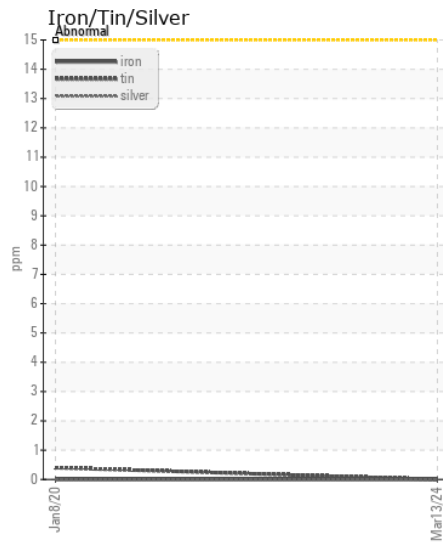
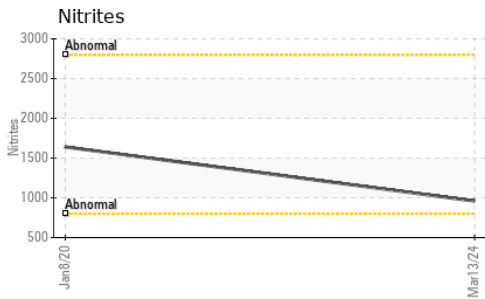
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>1</b>	5	---
Magnesium	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	<1	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	---
Coolant Appearance		Visual*	Clear	<b>Clear</b>	Clear	---

## COOLANT CONDITION

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

Boiling Point	°C	WC Method*		<b>108</b>	---	---
Specific Gravity		ASTM D1298*		<b>1.071</b>	1.067	---
pH	Scale 0-14	ASTM D1287*	9.5	<b>8.33</b>	8.79	---
Nitrites	ppm	Alcan Test Kit*	1500	<b>960</b>	1640	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	8.5	<b>5.1</b>	5.8	---
Percentage Glycol	%	ASTM D3321*	50	<b>53.2</b>	50.0	---
Freezing Point	°C	ASTM D3321*	-40	<b>-42</b>	-38	---
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)		<b>38</b>	54	---
Phosphorus	ppm	ASTM D5185(m)		<b>677</b>	905	---
Boron	ppm	ASTM D5185(m)		<b>236</b>	284	---
Molybdenum	ppm	ASTM D5185(m)		<b>330</b>	444	---
Sodium	ppm	ASTM D5185(m)		<b>1358</b>	1291	---
Potassium	ppm	ASTM D5185(m)		<b>3205</b>	3199	---
Coolant Color		Visual*	Green	<b>Green</b>	Green	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : CU0022843  
**Lab Number** : 02632115  
**Unique Number** : 5773268  
**Test Package** : COOL ( Additional Tests: GlycolType )

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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.