



# COOLANT REPORT

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

Area  
**TRANSMISSION/AIRPORT**

Machine Id  
**71027-21**

Component  
**Coolant**  
Fluid  
**CONVENTIONAL COOLANT (400 LTR)**

## 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>WC0918925</b>	---	---
Sample Date		Client Info		<b>13 Mar 2024</b>	---	---
Machine Age	hrs	Client Info		<b>764</b>	---	---
Oil Age	hrs	Client Info		<b>0</b>	---	---
Oil Changed		Client Info		<b>Not Chngd</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>0</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>10	<b>3</b>	---	---
Copper	ppm	ASTM D5185(m)	>10	<b>3</b>	---	---
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	---	---
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)	>10	<b>1</b>	---	---
Zinc	ppm	ASTM D5185(m)	>10	<b>0</b>	---	---

## CONTAMINANTS

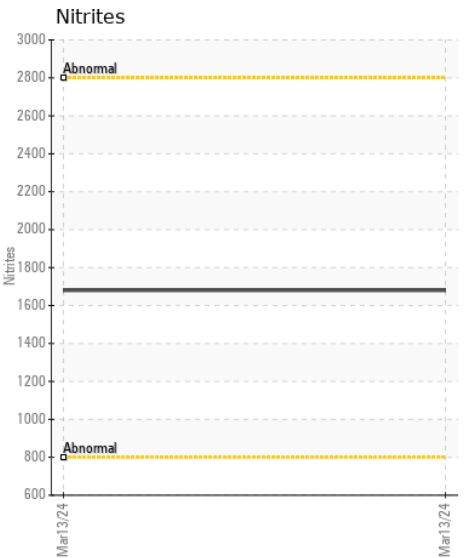
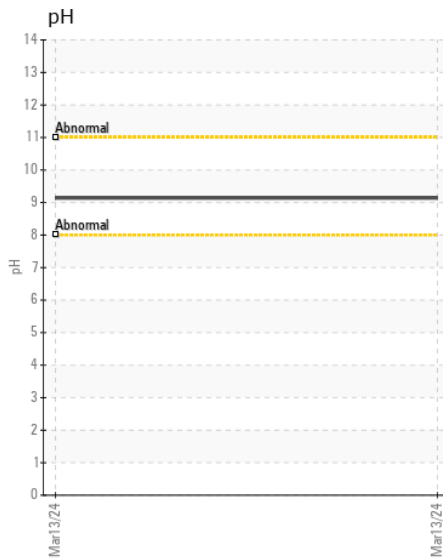
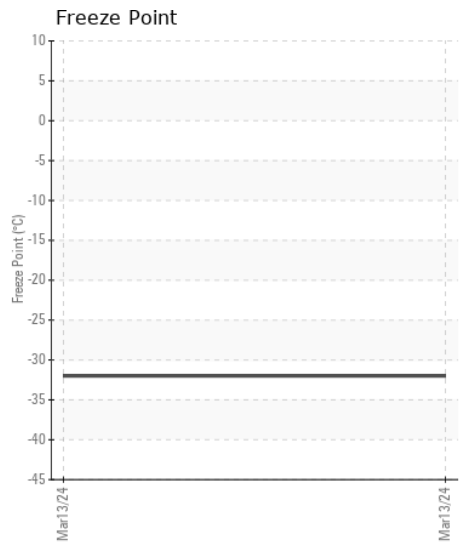
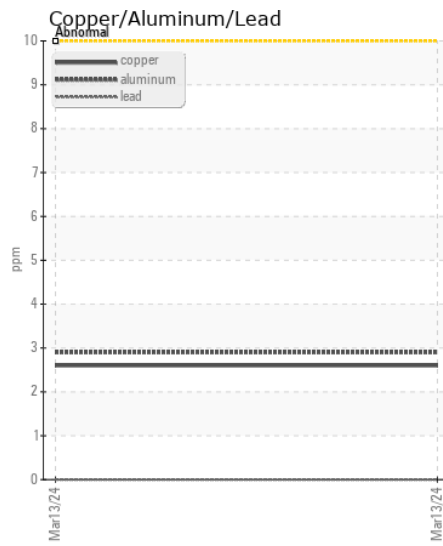
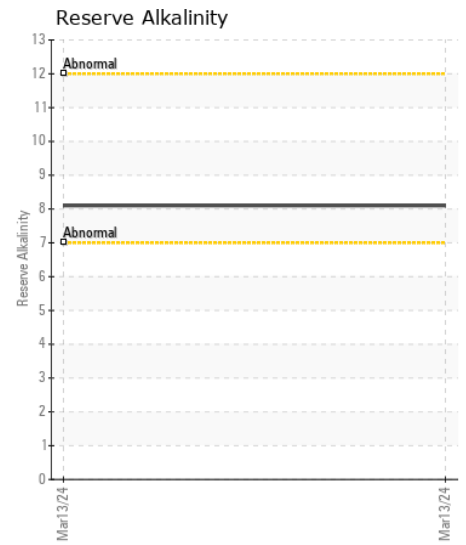
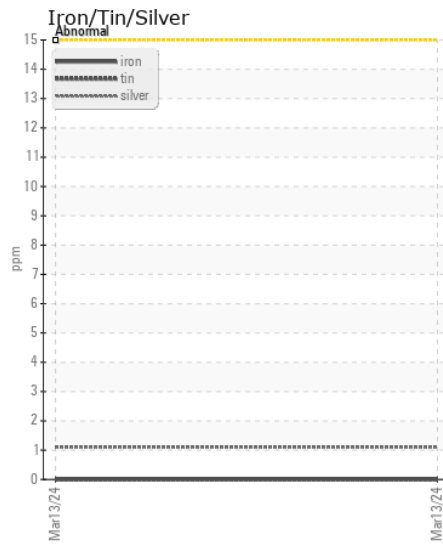
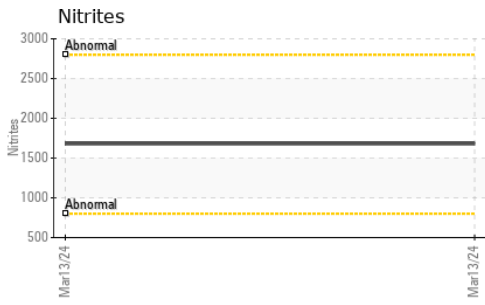
There is no indication of any contamination in the coolant.

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>1.063</b>	---	---
pH	Scale 0-14	ASTM D1287*	9.5	<b>9.14</b>	---	---
Nitrites	ppm	Alcan Test Kit*	1500	<b>1680</b>	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	8.5	<b>8.1</b>	---	---
Percentage Glycol	%	ASTM D3321*	50	<b>46.0</b>	---	---
Freezing Point	°C	ASTM D3321*	-40	<b>-32</b>	---	---
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)		<b>62</b>	---	---
Phosphorus	ppm	ASTM D5185(m)		<b>731</b>	---	---
Boron	ppm	ASTM D5185(m)		<b>215</b>	---	---
Molybdenum	ppm	ASTM D5185(m)		<b>453</b>	---	---
Sodium	ppm	ASTM D5185(m)		<b>1365</b>	---	---
Potassium	ppm	ASTM D5185(m)		<b>4607</b>	---	---
Coolant Color		Visual*	Green	<b>Green</b>	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0918925  
**Lab Number** : 02625066  
**Unique Number** : 5750185  
**Test Package** : COOL ( Additional Tests: GlycolType )  
**Received** : 27 Mar 2024  
**Tested** : 27 Mar 2024  
**Diagnosed** : 28 Mar 2024 - Kevin Marson

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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.