



# COOLANT REPORT

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

Machine Id  
**10003**  
 Component  
**Coolant**  
 Fluid  
 {not provided} (--- 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>WC0890738</b>	WC0713496	---
Sample Date		Client Info		<b>09 Feb 2024</b>	16 Dec 2022	---
Machine Age	hrs	Client Info		<b>1990</b>	3067	---
Oil Age	hrs	Client Info		<b>1990</b>	500	---
Oil Changed		Client Info		<b>Changed</b>	N/A	---
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>	7	---
Aluminum	ppm	ASTM D5185(m)	>10	<b>0</b>	4	---
Copper	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	4	---
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	0	---
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	---
Silver	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	1	---
Zinc	ppm	ASTM D5185(m)	>10	<b>1</b>	10	---

## CONTAMINANTS

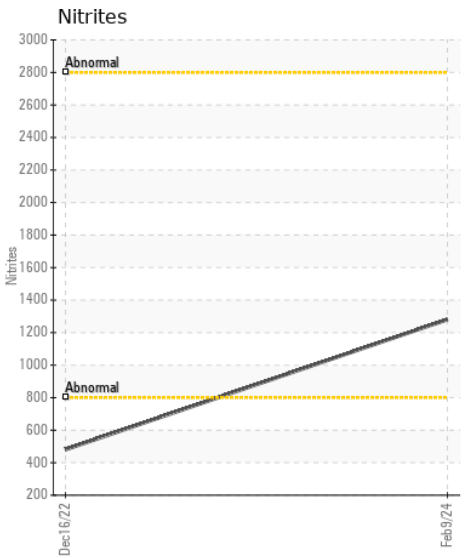
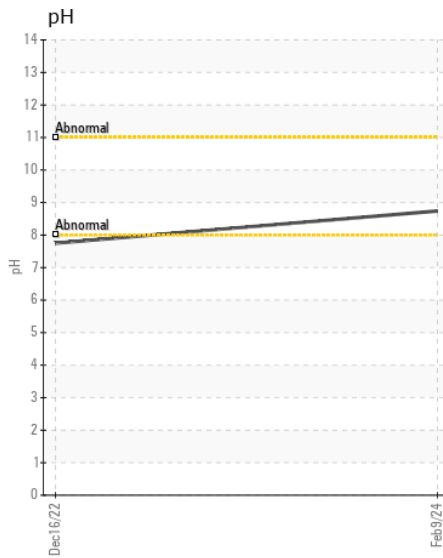
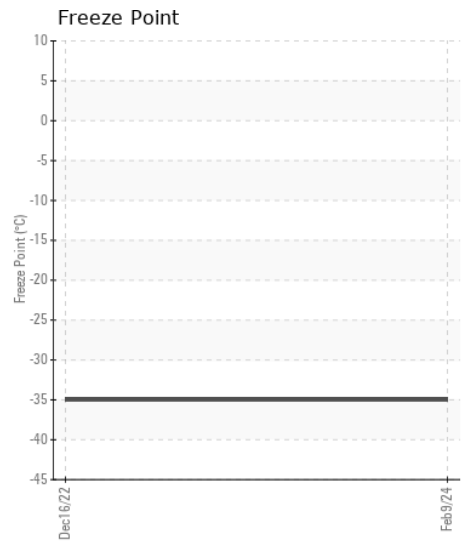
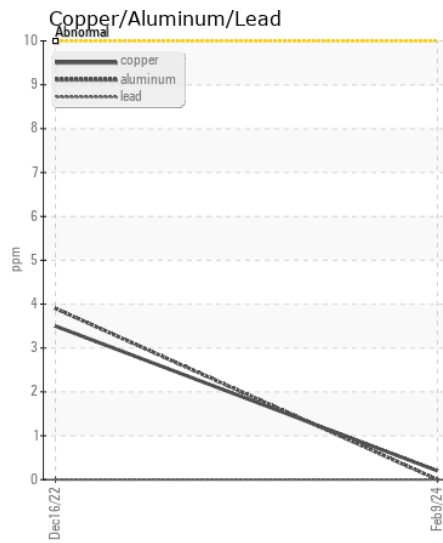
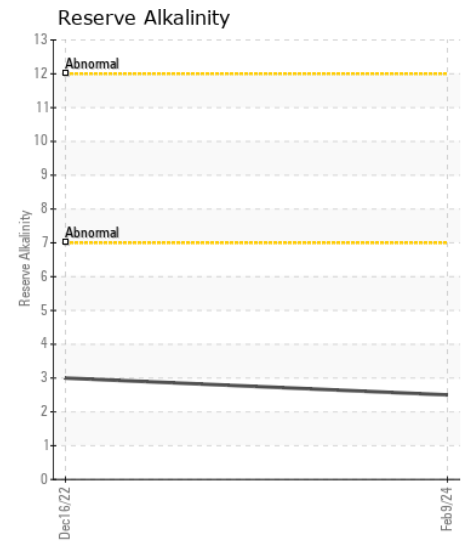
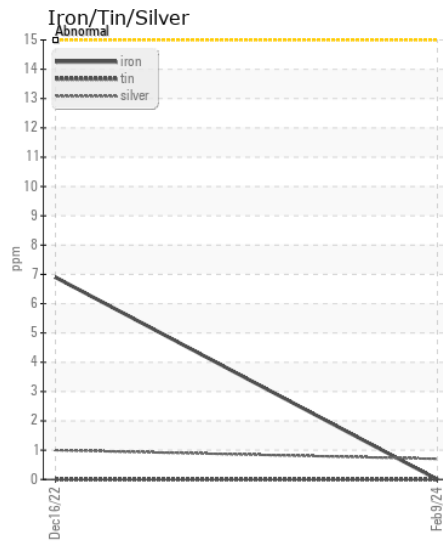
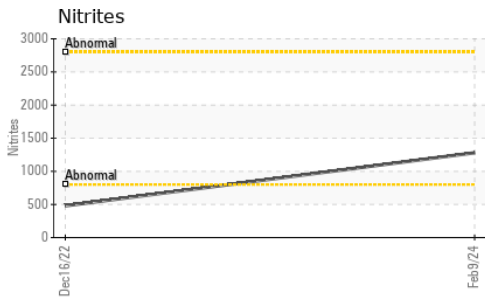
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>5</b>	8	---
Magnesium	ppm	ASTM D5185(m)	>40	<b>1</b>	5	---
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.

Specific Gravity		ASTM D1298*		<b>1.065</b>	1.068	---
pH	Scale 0-14	ASTM D1287*		<b>8.74</b>	7.75	---
Nitrites	ppm	Alcan Test Kit*		<b>1280</b>	480	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*		<b>2.5</b>	3.0	---
Percentage Glycol	%	ASTM D3321*		<b>48.7</b>	50.8	---
Freezing Point	°C	ASTM D3321*		<b>-35</b>	-35	---
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)		<b>39</b>	14	---
Phosphorus	ppm	ASTM D5185(m)		<b>14</b>	112	---
Boron	ppm	ASTM D5185(m)		<b>216</b>	21	---
Molybdenum	ppm	ASTM D5185(m)		<b>0</b>	36	---
Sodium	ppm	ASTM D5185(m)		<b>1863</b>	383	---
Potassium	ppm	ASTM D5185(m)		<b>366</b>	4087	---
Coolant Color		Visual*		<b>Green</b>	Grn/Yellow	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0890738 **Received** : 20 Feb 2024  
**Lab Number** : 02616799 **Tested** : 22 Feb 2024  
**Unique Number** : 5733909 **Diagnosed** : 22 Feb 2024 - Kevin Marson  
**Test Package** : COOL ( Additional Tests: GlycolType )

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.

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