



Machine Id  
**EX0303**  
Component  
**Coolant**  
Fluid  
**{not provided} (--- GAL)**

**RECOMMENDATION**

We advise that you replenish the supplemental coolant additives (SCAs) and add per manufacturer's recommendations. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>GFL0107303</b>	---	---
Sample Date		Client Info		<b>13 Feb 2024</b>	---	---
Machine Age	hrs	Client Info		<b>3622</b>	---	---
Oil Age	hrs	Client Info		<b>0</b>	---	---
Oil Changed		Client Info		<b>Not Chngd</b>	---	---
Sample Status				<b>ABNORMAL</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>&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>0</b>	---	---
Silver	ppm	ASTM D5185(m)	>10	<b>2</b>	---	---
Zinc	ppm	ASTM D5185(m)	>10	<b>2</b>	---	---

**CONTAMINANTS**

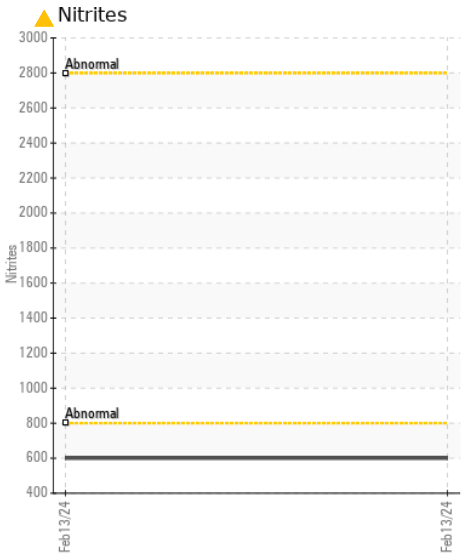
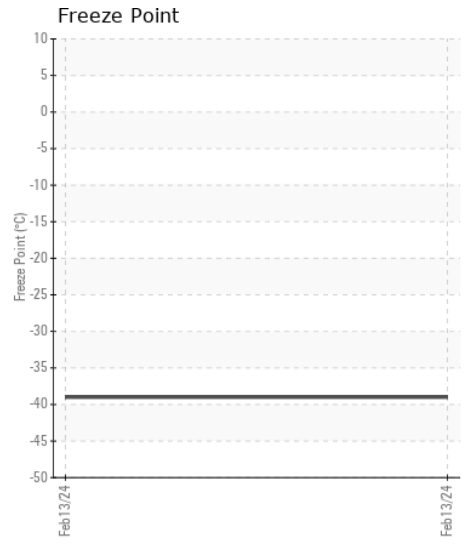
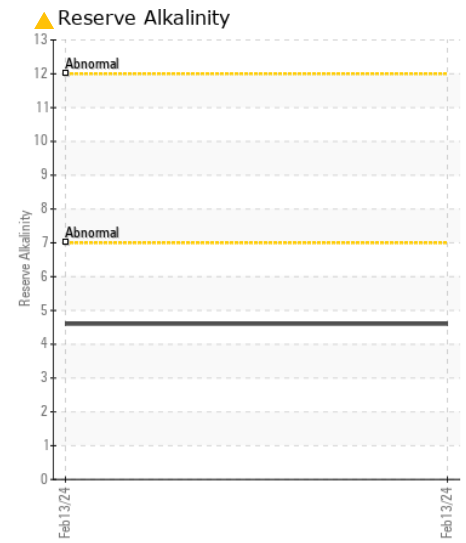
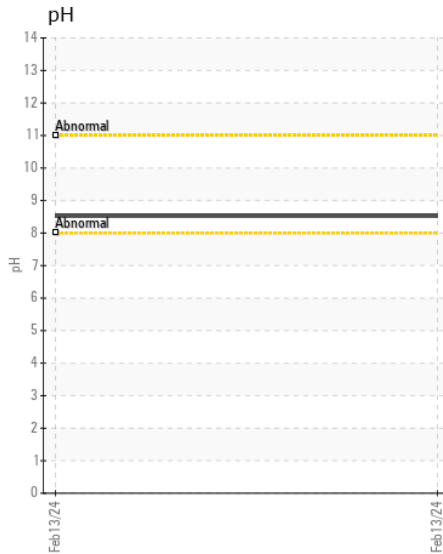
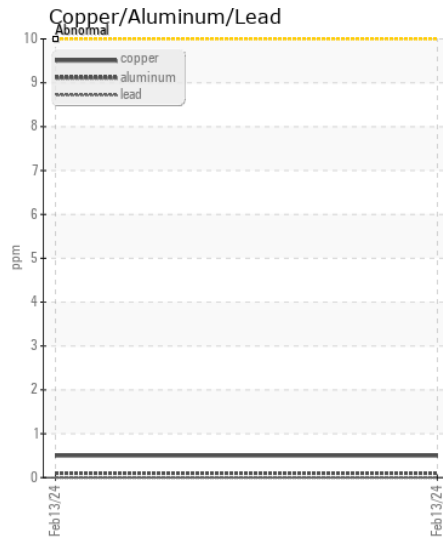
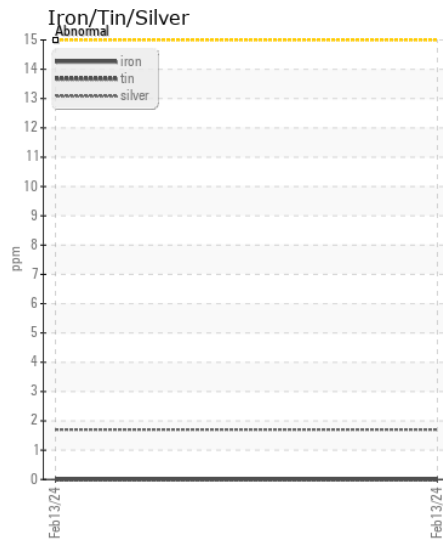
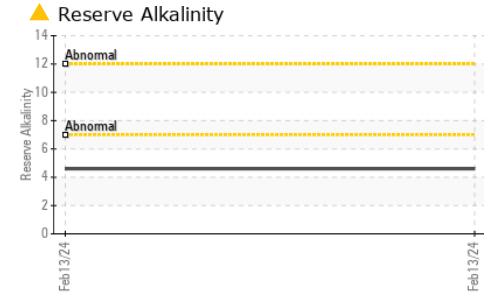
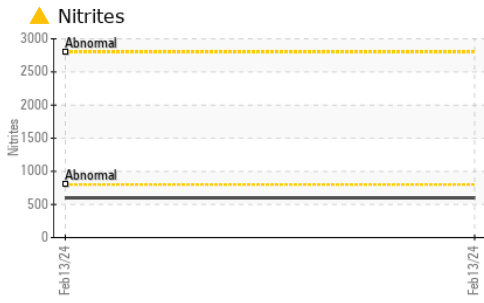
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>2</b>	---	---
Magnesium	ppm	ASTM D5185(m)	>40	<b>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 reserve alkalinity of this fluid is lower than acceptable. The low nitrite level indicates reduced cavitation protection which leads to corrosion and ammonia formation. The pH level of this fluid is within the acceptable limits.

Specific Gravity		ASTM D1298*		<b>1.069</b>	---	---
pH	Scale 0-14	ASTM D1287*		<b>8.52</b>	---	---
Nitrites	ppm	Alcan Test Kit*		<b>▲ 600</b>	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*		<b>▲ 4.6</b>	---	---
Percentage Glycol	%	ASTM D3321*		<b>51.6</b>	---	---
Freezing Point	°C	ASTM D3321*		<b>-39</b>	---	---
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)		<b>24</b>	---	---
Phosphorus	ppm	ASTM D5185(m)		<b>161</b>	---	---
Boron	ppm	ASTM D5185(m)		<b>134</b>	---	---
Molybdenum	ppm	ASTM D5185(m)		<b>37</b>	---	---
Sodium	ppm	ASTM D5185(m)		<b>3624</b>	---	---
Potassium	ppm	ASTM D5185(m)		<b>1368</b>	---	---
Coolant Color		Visual*		<b>Grn/Yellow</b>	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0107303  
**Lab Number** : 02615836  
**Unique Number** : 5732946  
**Test Package** : COOL

**GFL Environmental - 250 - Sault Ste Marie Hauling + MRF**  
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 Sault Ste. Marie, ON  
 CA P6B 4T6  
 Contact: GFL Tech  
 wcgfldemo@gmail.com

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.

T:  
F: