



Machine Id  
**EX0356**  
Component  
**Coolant**  
Fluid  
**HYBRID (HOAT) COOLANT (25 LTR)**

**RECOMMENDATION**

The fluid is suitable for further service. Resample at the next service interval to monitor. ( Customer Sample Comment: Unknown coolant type )

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>GFL0113433</b>	---	---
Sample Date		Client Info		<b>22 May 2024</b>	---	---
Machine Age	hrs	Client Info		<b>5728</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>4</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>3</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>6</b>	---	---

**CONTAMINANTS**

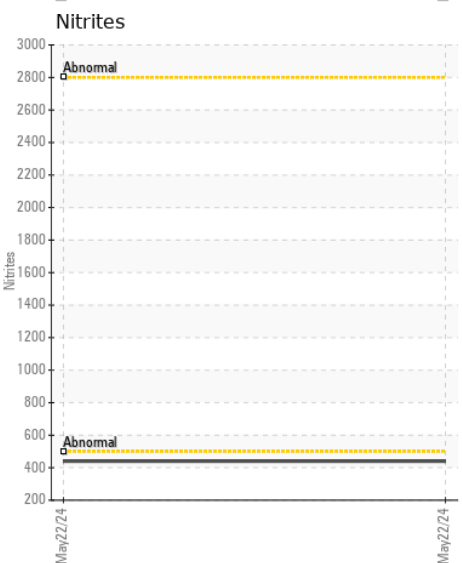
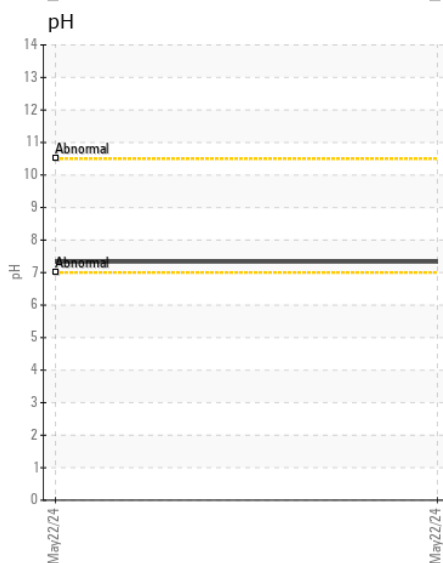
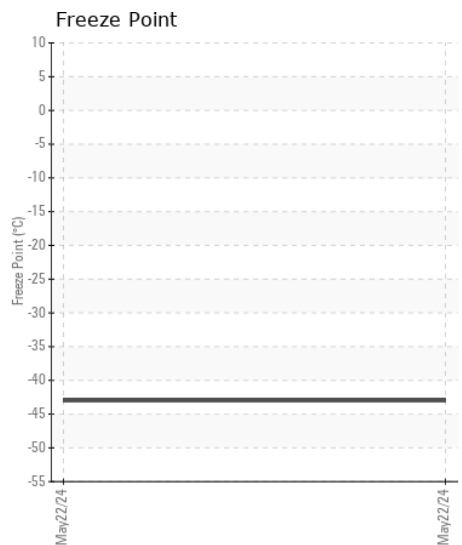
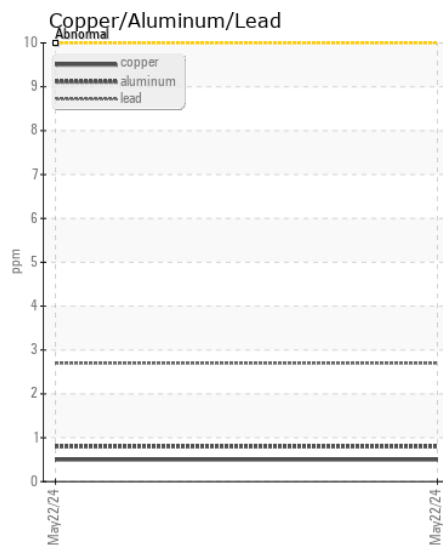
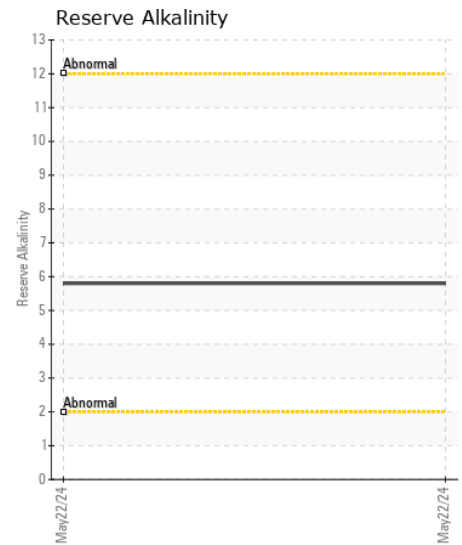
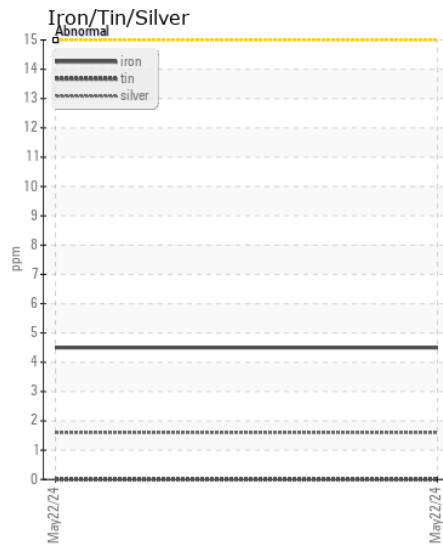
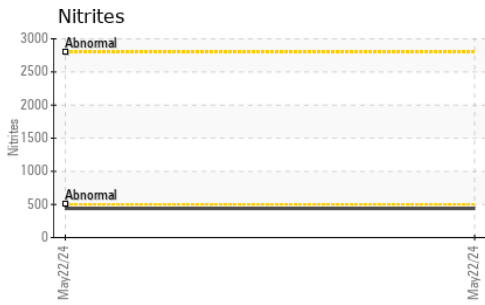
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>10</b>	---	---
Magnesium	ppm	ASTM D5185(m)	>40	<b>3</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 pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

Boiling Point	°C	WC Method*		<b>108</b>	---	---
Specific Gravity		ASTM D1298*		<b>1.073</b>	---	---
pH	Scale 0-14	ASTM D1287*		<b>7.33</b>	---	---
Nitrites	ppm	Alcan Test Kit*		<b>440</b>	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*		<b>5.8</b>	---	---
Percentage Glycol	%	ASTM D3321*		<b>54.2</b>	---	---
Freezing Point	°C	ASTM D3321*		<b>-43</b>	---	---
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)		<b>13</b>	---	---
Phosphorus	ppm	ASTM D5185(m)		<b>449</b>	---	---
Boron	ppm	ASTM D5185(m)		<b>12</b>	---	---
Molybdenum	ppm	ASTM D5185(m)		<b>21</b>	---	---
Sodium	ppm	ASTM D5185(m)		<b>3147</b>	---	---
Potassium	ppm	ASTM D5185(m)		<b>5053</b>	---	---
Coolant Color		Visual*		<b>Green</b>	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0113433  
**Lab Number** : 02637306  
**Unique Number** : 5786468  
**Test Package** : COOL ( Additional Tests: GlycolType )

**GFL Environmental - 720 - Lafleche - Landfill**  
 17125 Lafleche Road,  
 Moose Creek, ON  
 CA K0C 1W0  
 Contact: Charles Bergeron  
 cbergeron@gflenv.com  
 T: (613)538-4853  
 F:

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.