



Machine Id  
**OR483**  
Component  
**Coolant**  
Fluid

**EXTENDED LIFE COOLANT (--- GAL)**

**RECOMMENDATION**

Le fluide peut encore servir. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>GFL0114954</b>	GFL0114948	GFL0089185
Sample Date		Client Info		<b>15 May 2024</b>	05 Apr 2024	22 Dec 2023
Machine Age	hrs	Client Info		<b>12751</b>	12523	12046
Oil Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>N/A</b>	N/A	Not Changd
Sample Status				<b>NORMAL</b>	NORMAL	ABNORMAL

**CORROSION**

Les concentrations de tous les métaux sont normales indiquant qu'il n'y a pas de corrosion dans le système de refroidissement.

Iron	ppm	ASTM D5185(m)	>15	<b>1</b>	3	2
Aluminum	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	2	<1
Copper	ppm	ASTM D5185(m)	>10	<b>1</b>	3	2
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	<1
Zinc	ppm	ASTM D5185(m)	>10	<b>6</b>	5	4

**CONTAMINANTS**

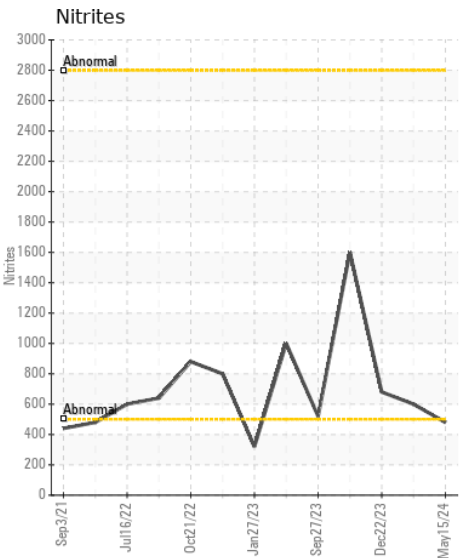
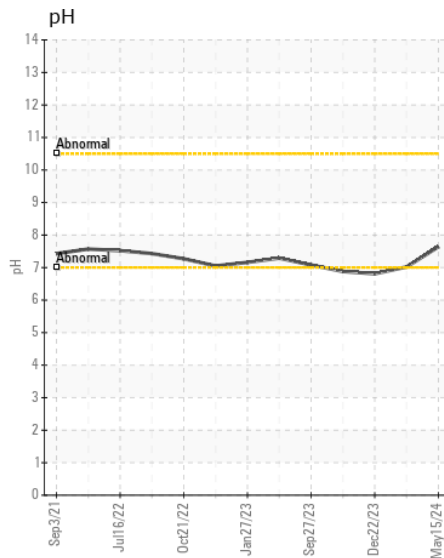
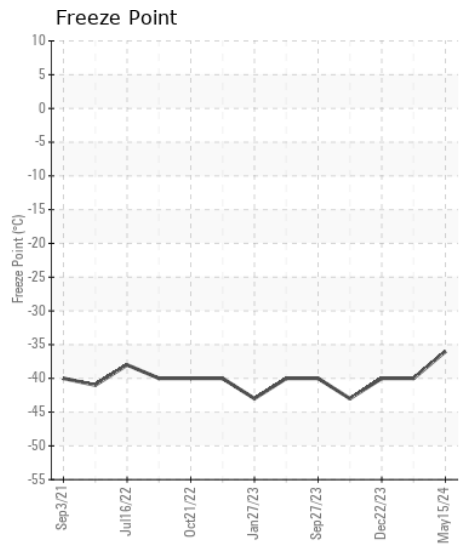
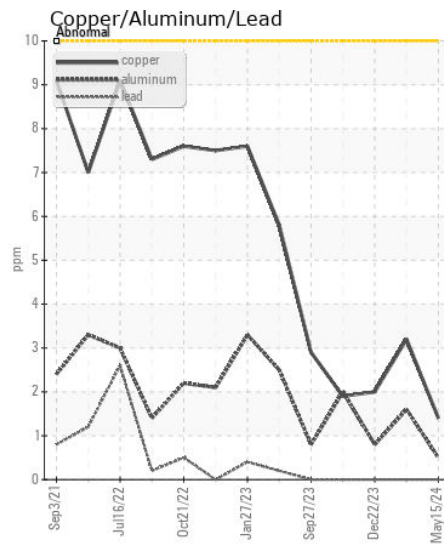
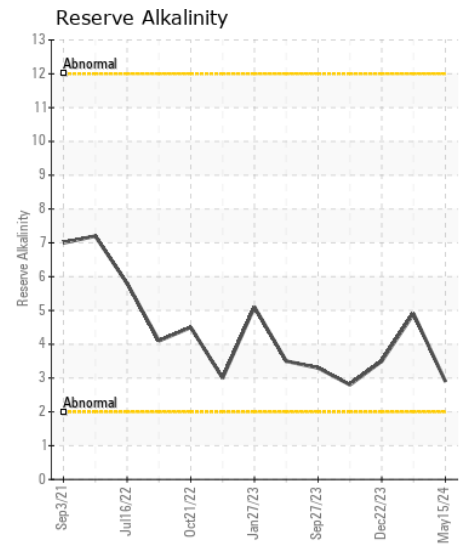
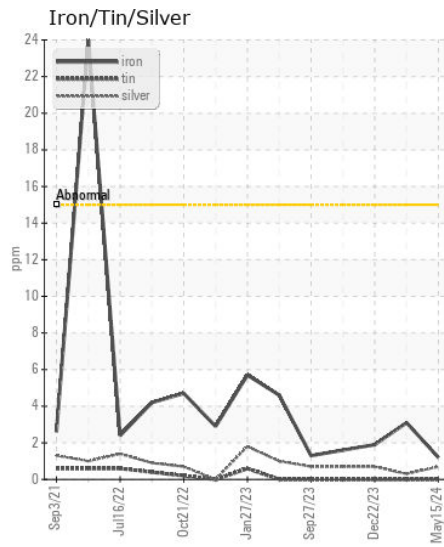
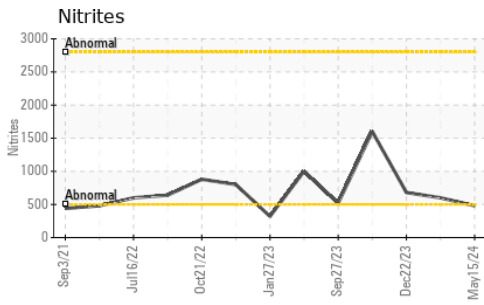
Il n'y a aucun indice de contamination dans l'agent de refroidissement.

Calcium	ppm	ASTM D5185(m)	>100	<b>9</b>	7	4
Magnesium	ppm	ASTM D5185(m)	>40	<b>4</b>	4	2
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Coolant Appearance		Visual*	Clear	<b>Clear</b>	Clear	Clear

**COOLANT CONDITION**

Le niveau de pH de ce fluide est dans les limites acceptables. La réserve d'alcalinité de ce fluide est acceptable.

Boiling Point	°C	WC Method*		<b>107</b>	108	---
Specific Gravity		ASTM D1298*		<b>1.067</b>	1.070	1.070
pH	Scale 0-14	ASTM D1287*	9.0	<b>7.64</b>	7.02	▲ 6.81
Nitrites	ppm	Alcan Test Kit*		<b>480</b>	600	680
Reserve Alkalinity	Scale 0-20	ASTM D1121*		<b>2.9</b>	4.9	3.5
Percentage Glycol	%	ASTM D3321*	50	<b>49.8</b>	52.9	52.9
Freezing Point	°C	ASTM D3321*	-40	<b>-36</b>	-40	-40
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)		<b>50</b>	58	46
Phosphorus	ppm	ASTM D5185(m)		<b>29</b>	39	27
Boron	ppm	ASTM D5185(m)		<b>222</b>	443	433
Molybdenum	ppm	ASTM D5185(m)		<b>193</b>	153	151
Sodium	ppm	ASTM D5185(m)		<b>5714</b>	6036	7732
Potassium	ppm	ASTM D5185(m)		<b>2998</b>	1584	2450
Coolant Color		Visual*	Orange/R	<b>Orange</b>	Red	Red



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0114954  
**Lab Number** : 02636782  
**Unique Number** : 5785944  
**Test Package** : COOL ( Additional Tests: GlycolType )  
**Received** : 21 May 2024  
**Tested** : 22 May 2024  
**Diagnosed** : 22 May 2024 - Kevin Marson

**GFL Environmental - 784 - Saint-Hyacinthe**  
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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.