



Machine Id  
**F55066**  
 Component  
**Coolant**  
 Fluid  
**HYBRID (HOAT) COOLANT (--- 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>PC0084329</b>	PC0082348	---
Sample Date		Client Info		<b>17 Jun 2024</b>	02 Nov 2023	---
Machine Age	hrs	Client Info		<b>954</b>	620	---
Oil Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>N/A</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>	0	---
Aluminum	ppm	ASTM D5185(m)	>10	<b>2</b>	3	---
Copper	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	0	---
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>0</b>	2	---
Zinc	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	0	---

**CONTAMINANTS**

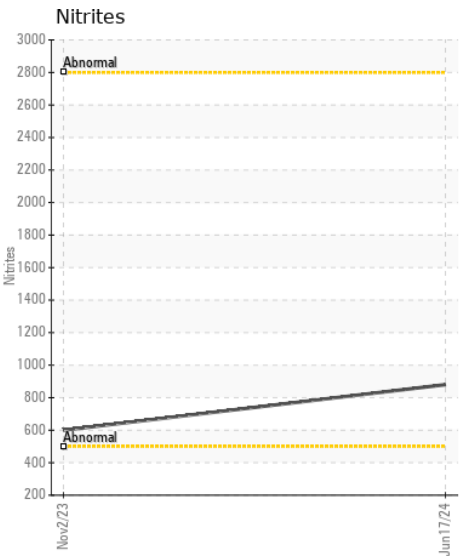
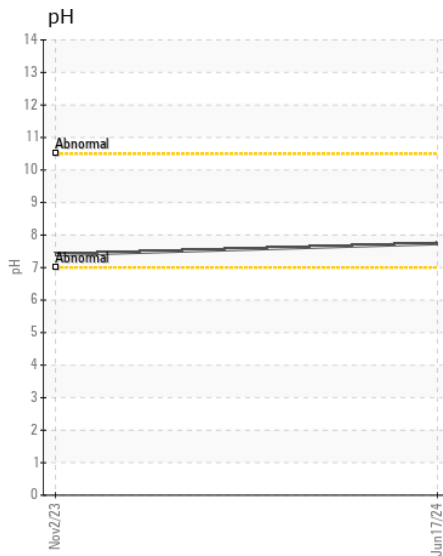
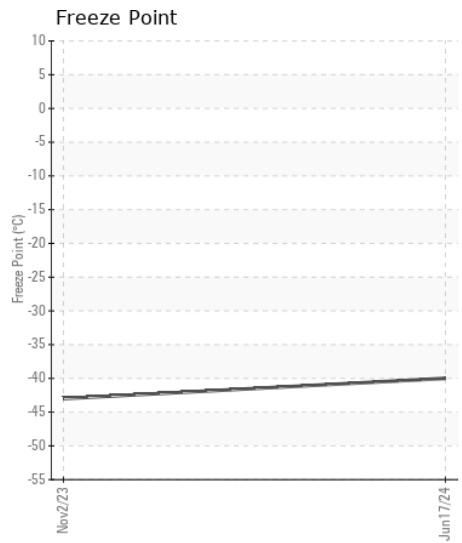
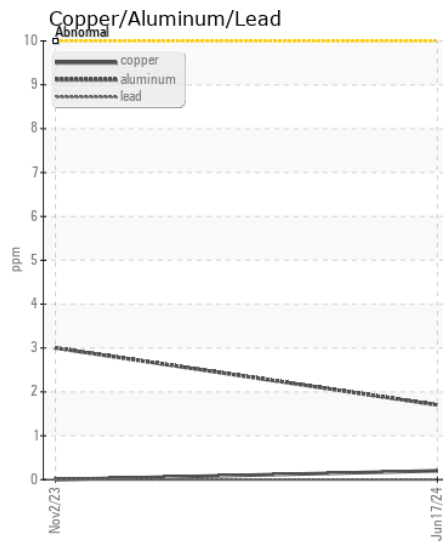
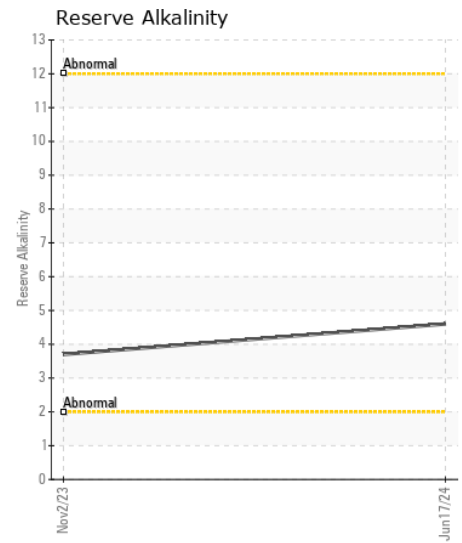
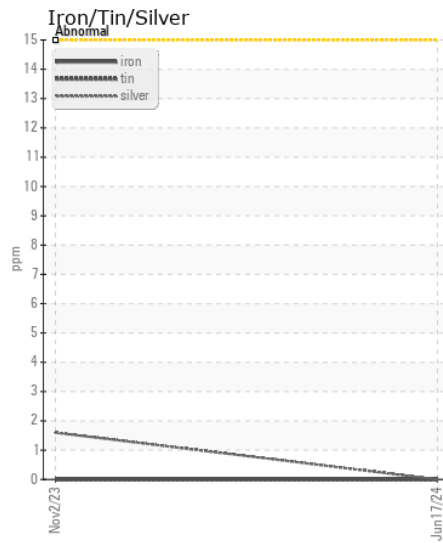
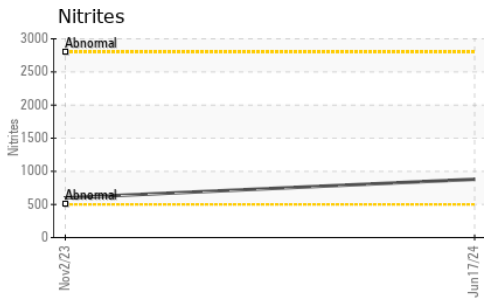
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>&lt;1</b>	<1	---
Magnesium	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	1	---
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. The reserve alkalinity of this fluid is acceptable.

Boiling Point	°C	WC Method*		<b>108</b>	---	---
Specific Gravity		ASTM D1298*		<b>1.070</b>	1.071	---
pH	Scale 0-14	ASTM D1287*		<b>7.74</b>	7.40	---
Nitrites	ppm	Alcan Test Kit*		<b>880</b>	600	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*		<b>4.6</b>	3.7	---
Percentage Glycol	%	ASTM D3321*		<b>52.8</b>	53.0	---
Freezing Point	°C	ASTM D3321*		<b>-40</b>	-43	---
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)		<b>11</b>	13	---
Phosphorus	ppm	ASTM D5185(m)		<b>822</b>	1638	---
Boron	ppm	ASTM D5185(m)		<b>5</b>	10	---
Molybdenum	ppm	ASTM D5185(m)		<b>202</b>	257	---
Sodium	ppm	ASTM D5185(m)		<b>2069</b>	3455	---
Potassium	ppm	ASTM D5185(m)		<b>3564</b>	8782	---
Coolant Color		Visual*		<b>Green</b>	Green	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0084329  
**Lab Number** : 02642710  
**Unique Number** : 5800249  
**Test Package** : COOL ( Additional Tests: GlycolType )

**LES ENTREPRISES MICHAUDVILLE INC.**  
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 MONT ST-HILAIRE, QC  
 CA J3H 0M6  
 Contact: Martin Trudel  
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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.

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F: