



**POWER SYSTEMS**  
**SYSTÈMES DE PUISSANCE**

**COOLANT REPORT**

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

Area  
**[6100298943]**

Machine Id  
**FTE03630**

Component  
**Coolant**

Fluid  
**CAT EXTENDED LIFE COOLANT (ELC) (--- 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>WA0020216</b>	WA0015078	---
Sample Date		Client Info		<b>19 Jun 2024</b>	23 Jul 2021	---
Machine Age	hrs	Client Info		<b>0</b>	335	---
Oil Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>N/A</b>	Not Changd	---
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>	<1	---
Aluminum	ppm	ASTM D5185(m)	>10	<b>2</b>	4	---
Copper	ppm	ASTM D5185(m)	>10	<b>0</b>	1	---
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	---
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	---
Silver	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	---
Zinc	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	---

**CONTAMINANTS**

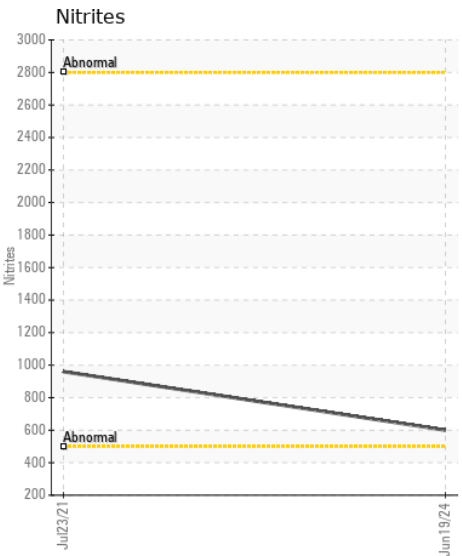
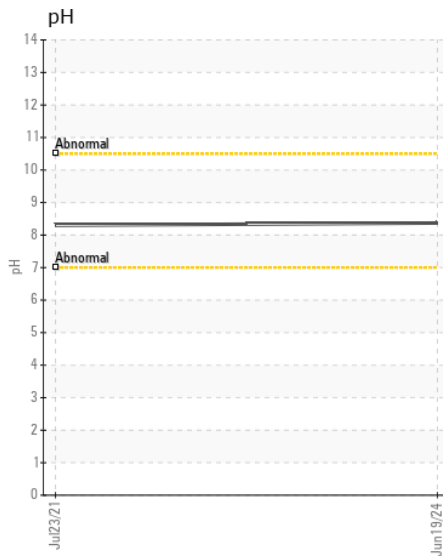
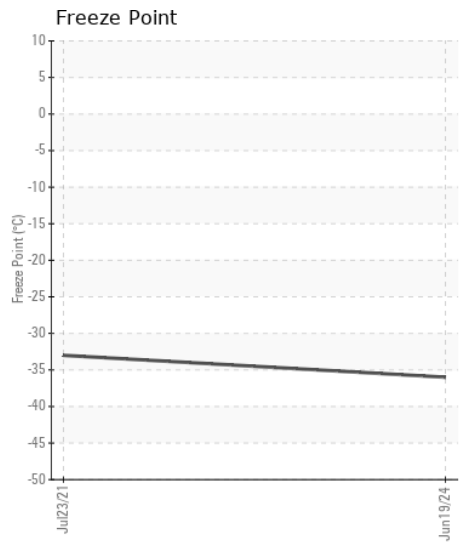
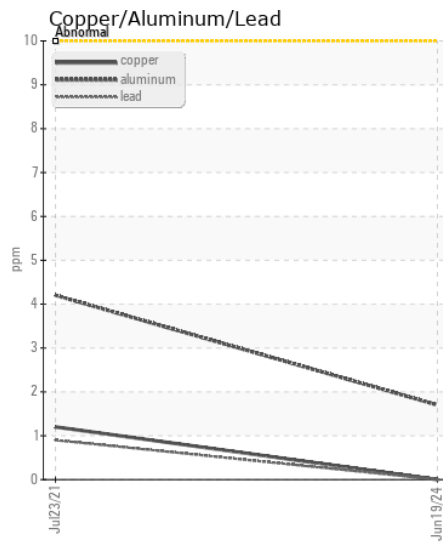
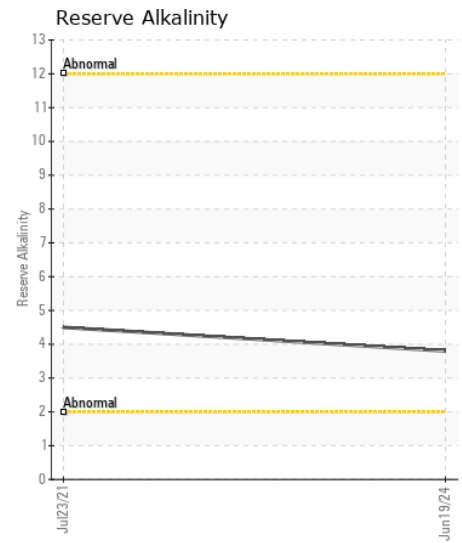
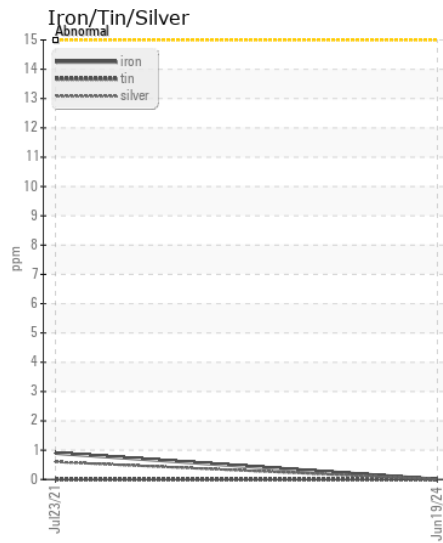
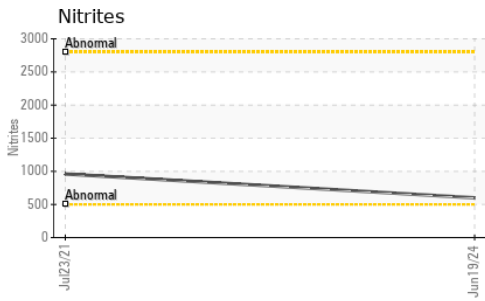
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>1</b>	2	---
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>107</b>	---	---
Specific Gravity		ASTM D1298*	1.070	<b>1.067</b>	1.064	---
pH	Scale 0-14	ASTM D1287*	8.3	<b>8.37</b>	8.30	---
Nitrites	ppm	Alcan Test Kit*	550	<b>600</b>	960	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	5.5	<b>3.8</b>	4.5	---
Percentage Glycol	%	ASTM D3321*	50	<b>49.9</b>	47.0	---
Freezing Point	°C	ASTM D3321*	-37	<b>-36</b>	-33	---
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)	0	<b>38</b>	22	---
Phosphorus	ppm	ASTM D5185(m)	0	<b>199</b>	382	---
Boron	ppm	ASTM D5185(m)	0	<b>13</b>	9	---
Molybdenum	ppm	ASTM D5185(m)	950	<b>599</b>	665	---
Sodium	ppm	ASTM D5185(m)		<b>5134</b>	2240	---
Potassium	ppm	ASTM D5185(m)		<b>1043</b>	1007	---
Coolant Color		Visual*	Red	<b>Red</b>	Red	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WA0020216 **Received** : 26 Jun 2024  
**Lab Number** : 02644246 **Tested** : 26 Jun 2024  
**Unique Number** : 5801785 **Diagnosed** : 27 Jun 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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