



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

**COOLANT REPORT**

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

Area  
**EATON CENTRE [252253]**

Machine Id  
**80173478**

Component  
**Coolant**

Fluid  
**CONVENTIONAL 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>WA0020681</b>	WA0018979	WA0017473
Sample Date		Client Info		<b>10 Feb 2024</b>	11 Feb 2023	19 Feb 2022
Machine Age	hrs	Client Info		<b>103</b>	82	64
Oil Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	Changed	Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

**CORROSION**

All metal levels are normal indicating no corrosion in the cooling system.

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

**CONTAMINANTS**

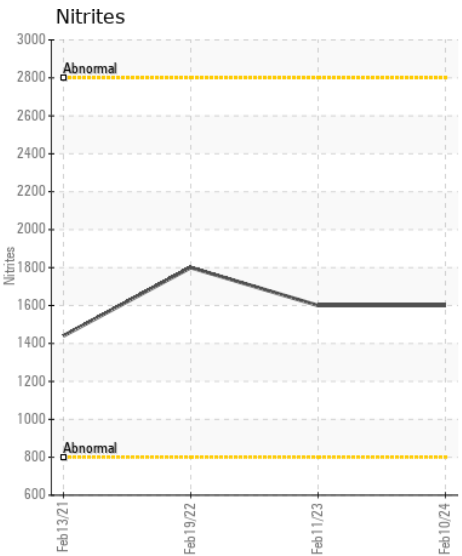
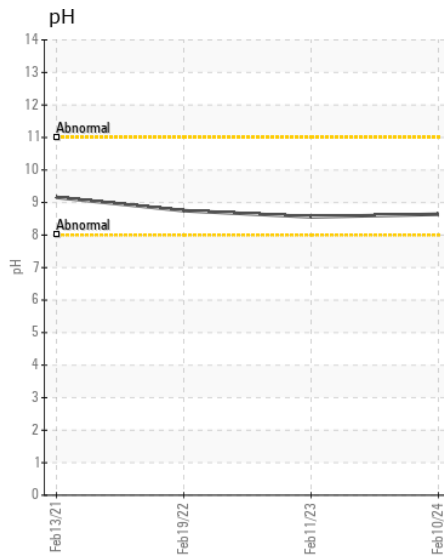
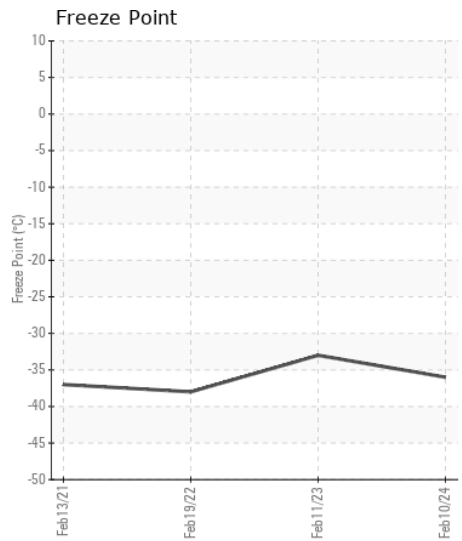
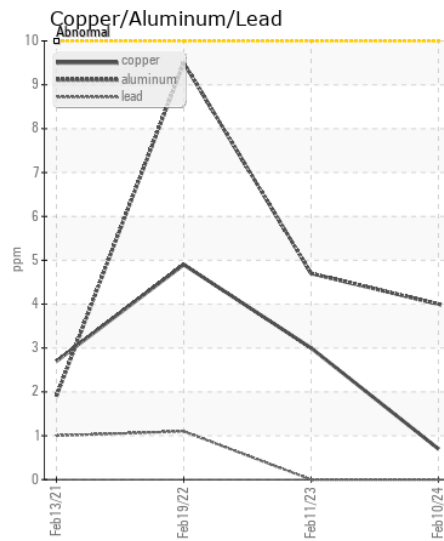
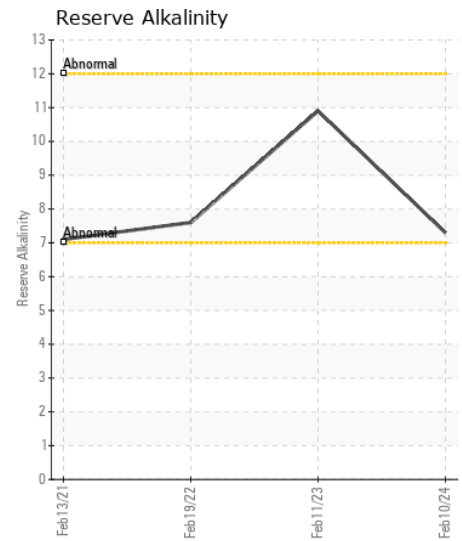
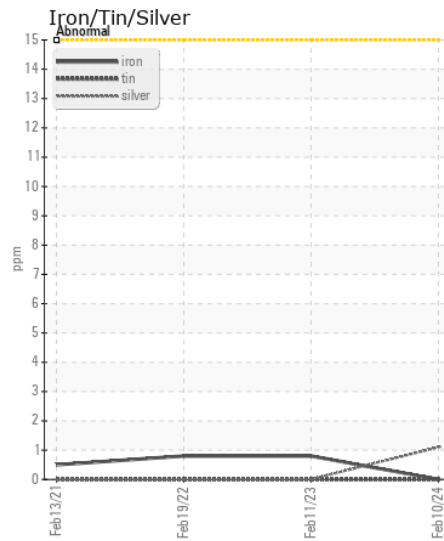
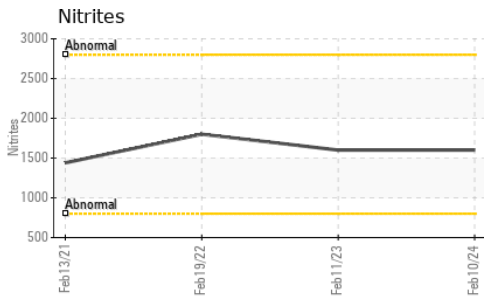
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>1</b>	2	2
Magnesium	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	1	1
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**

The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

Specific Gravity		ASTM D1298*		<b>1.067</b>	1.067	1.067
pH	Scale 0-14	ASTM D1287*	9.5	<b>8.64</b>	8.56	8.75
Nitrites	ppm	Alcan Test Kit*	1500	<b>1600</b>	1600	1800
Reserve Alkalinity	Scale 0-20	ASTM D1121*	8.5	<b>7.3</b>	10.9	7.6
Percentage Glycol	%	ASTM D3321*	50	<b>49.6</b>	49.6	50.0
Freezing Point	°C	ASTM D3321*	-40	<b>-36</b>	-33	-38
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)		<b>61</b>	54	63
Phosphorus	ppm	ASTM D5185(m)		<b>1474</b>	853	917
Boron	ppm	ASTM D5185(m)		<b>340</b>	281	315
Molybdenum	ppm	ASTM D5185(m)		<b>644</b>	539	574
Sodium	ppm	ASTM D5185(m)		<b>2691</b>	1404	1341
Potassium	ppm	ASTM D5185(m)		<b>13080</b>	2829	2297
Coolant Color		Visual*	Green	<b>Other</b>	Blue	Blue



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WA0020681 **Received** : 21 Feb 2024  
**Lab Number** : 02617268 **Tested** : 22 Feb 2024  
**Unique Number** : 5734378 **Diagnosed** : 23 Feb 2024 - Kevin Marson  
**Test Package** : COOL ( Additional Tests: GlycolType )

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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.