



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

**COOLANT REPORT**

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

Area  
**TTR [275720]**

Machine Id  
**68016032**

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>WA0021253</b>	WA0019504	WA0017626
Sample Date		Client Info		<b>08 May 2024</b>	03 May 2023	06 Apr 2022
Machine Age	hrs	Client Info		<b>864</b>	822	766
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	ABNORMAL

**CORROSION**

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

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

**CONTAMINANTS**

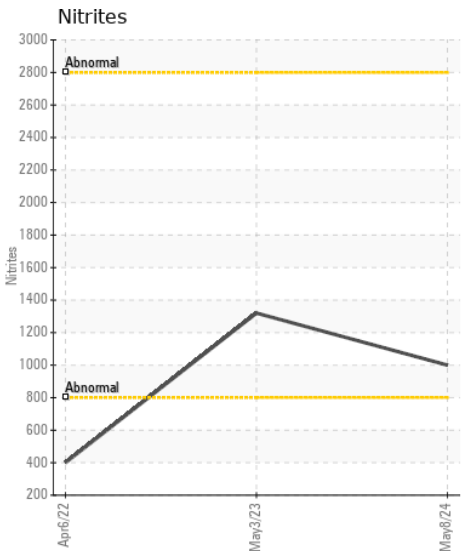
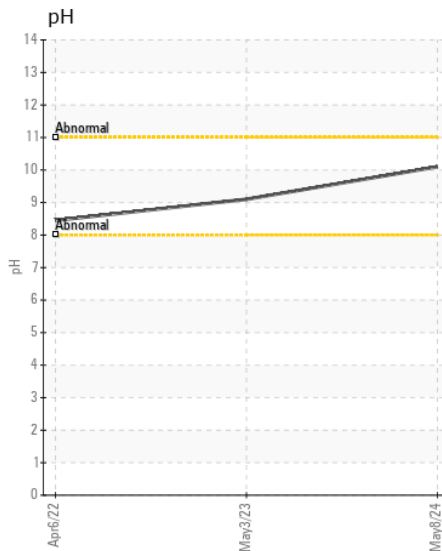
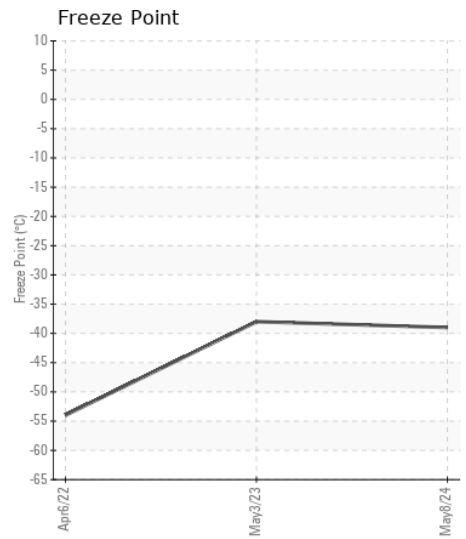
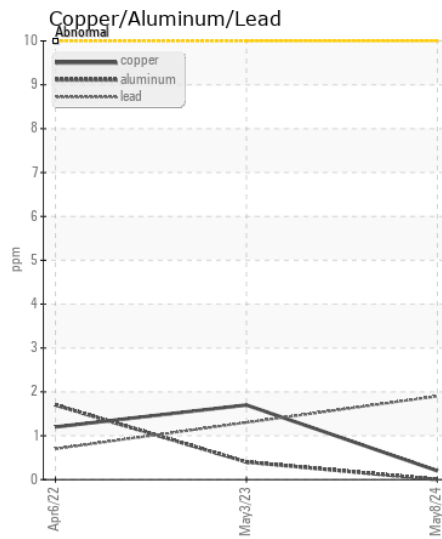
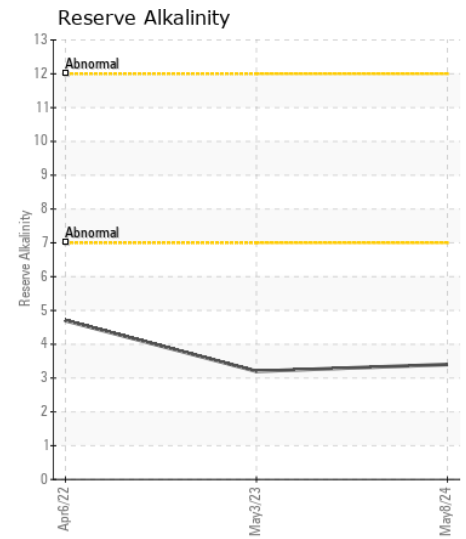
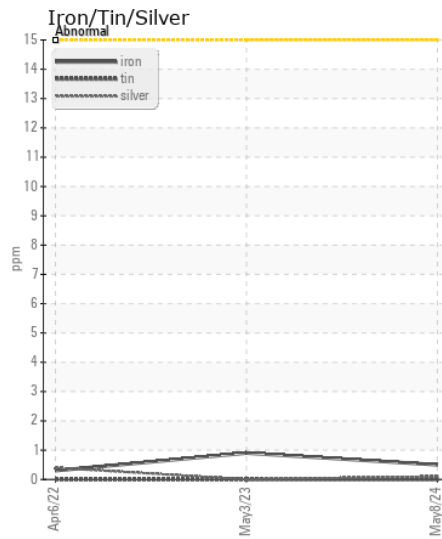
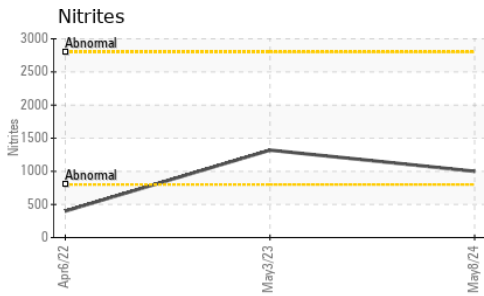
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>1</b>	2	1
Magnesium	ppm	ASTM D5185(m)	>40	<b>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.

Boiling Point	°C	WC Method*		<b>108</b>	---	---
Specific Gravity		ASTM D1298*		<b>1.069</b>	1.069	1.078
pH	Scale 0-14	ASTM D1287*	9.5	<b>10.1</b>	9.10	8.45
Nitrites	ppm	Alcan Test Kit*	1500	<b>1000</b>	1320	▲ 400
Reserve Alkalinity	Scale 0-20	ASTM D1121*	8.5	<b>3.4</b>	3.2	▲ 4.7
Percentage Glycol	%	ASTM D3321*	50	<b>51.3</b>	51.5	58.1
Freezing Point	°C	ASTM D3321*	-40	<b>-39</b>	-38	-54
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)		<b>45</b>	88	15
Phosphorus	ppm	ASTM D5185(m)		<b>162</b>	85	202
Boron	ppm	ASTM D5185(m)		<b>186</b>	194	185
Molybdenum	ppm	ASTM D5185(m)		<b>24</b>	12	23
Sodium	ppm	ASTM D5185(m)		<b>1987</b>	1483	1472
Potassium	ppm	ASTM D5185(m)		<b>550</b>	504	1122
Coolant Color		Visual*	Green	<b>Green</b>	Green	Green



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WA0021253 **Received** : 16 May 2024  
**Lab Number** : 02636216 **Tested** : 17 May 2024  
**Unique Number** : 5785378 **Diagnosed** : 21 May 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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