



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

**COOLANT REPORT**

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

Area  
**GLEN HILL TERRANCE [275711]**

Machine Id  
**N/A 709266**

Component  
**Coolant**  
Fluid  
**CONVENTIONAL COOLANT (--- LTR)**

**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>WA0020665</b>	WA0017865	WA0014134
Sample Date		Client Info		<b>03 May 2024</b>	01 Jun 2022	03 Mar 2020
Machine Age	hrs	Client Info		<b>265</b>	248	0
Oil Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	N/A	Changed
Sample Status				<b>NORMAL</b>	ABNORMAL	ABNORMAL

**CORROSION**

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

Iron	ppm	ASTM D5185(m)	>15	<b>&lt;1</b>	3	<1
Aluminum	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	2	0
Copper	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	4	3
Lead	ppm	ASTM D5185(m)	>10	<b>5</b>	▲ 37	8
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	2	<1
Silver	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	0
Zinc	ppm	ASTM D5185(m)	>10	<b>2</b>	2	0

**CONTAMINANTS**

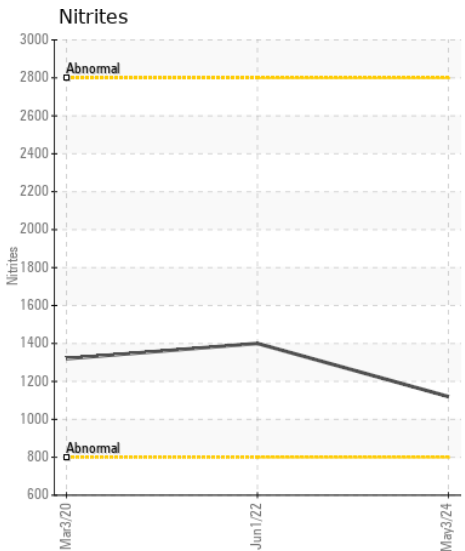
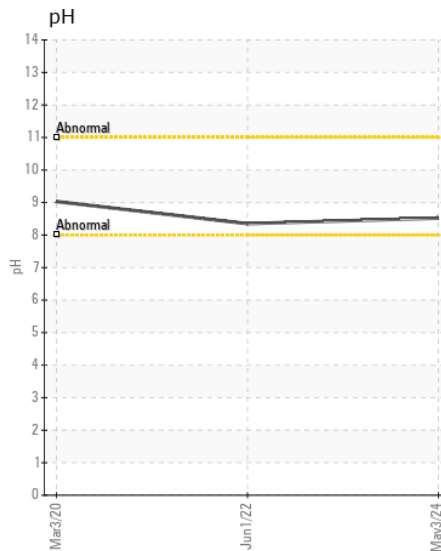
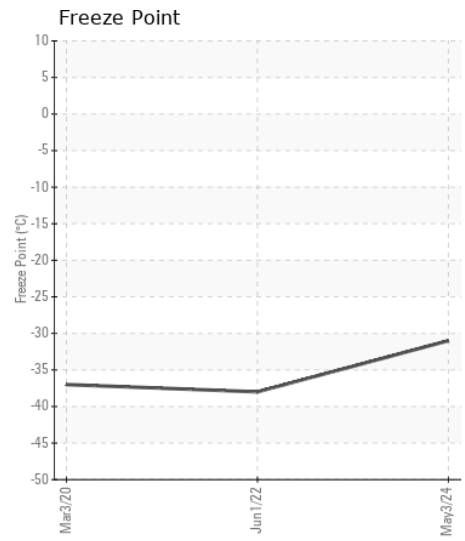
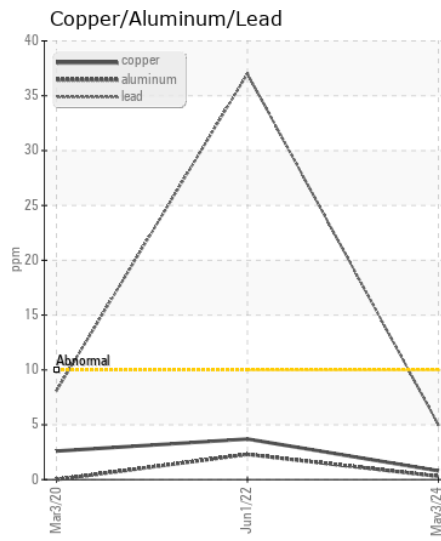
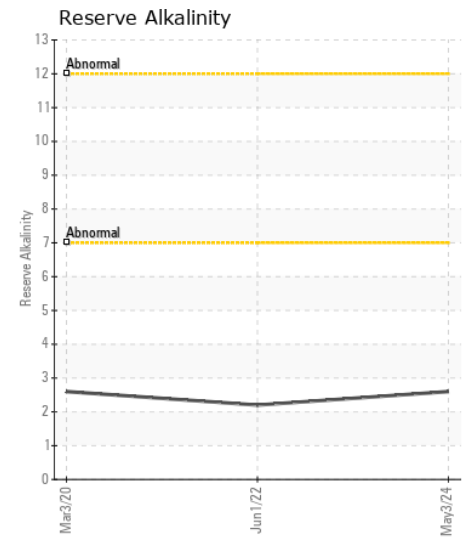
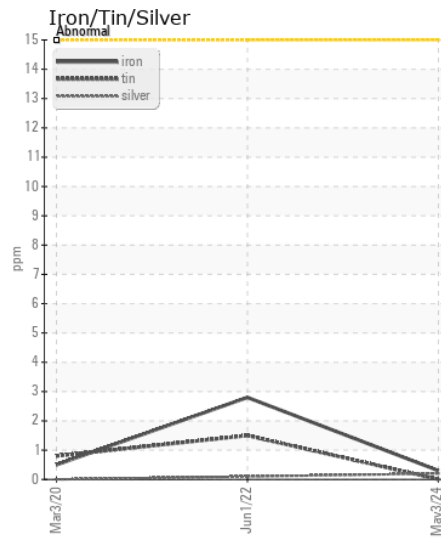
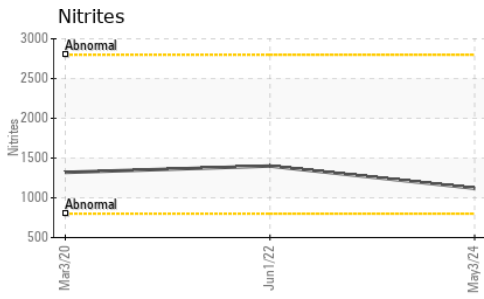
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>6</b>	5	1
Magnesium	ppm	ASTM D5185(m)	>40	<b>2</b>	2	<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>	▲ Cloudy	▲ Cloudy

**COOLANT CONDITION**

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

Boiling Point	°C	WC Method*		<b>107</b>	---	---
Specific Gravity		ASTM D1298*		<b>1.062</b>	1.069	1.067
pH	Scale 0-14	ASTM D1287*	9.5	<b>8.52</b>	8.35	9.03
Nitrites	ppm	Alcan Test Kit*	1500	<b>1120</b>	1400	1320
Reserve Alkalinity	Scale 0-20	ASTM D1121*	8.5	<b>2.6</b>	2.2	2.6
Percentage Glycol	%	ASTM D3321*	50	<b>45.4</b>	51.9	50.0
Freezing Point	°C	ASTM D3321*	-40	<b>-31</b>	-38	-37
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)		<b>27</b>	22	11
Phosphorus	ppm	ASTM D5185(m)		<b>20</b>	18	15
Boron	ppm	ASTM D5185(m)		<b>171</b>	254	241
Molybdenum	ppm	ASTM D5185(m)		<b>&lt;1</b>	2	2
Sodium	ppm	ASTM D5185(m)		<b>1995</b>	1434	1507
Potassium	ppm	ASTM D5185(m)		<b>359</b>	396	300
Coolant Color		Visual*	Green	<b>Green</b>	Grn/Yellow	Green



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WA0020665 **Received** : 16 May 2024  
**Lab Number** : 02636217 **Tested** : 17 May 2024  
**Unique Number** : 5785379 **Diagnosed** : 21 May 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.