



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
[142229]

Machine Id
NAPIER & DUNDAS ST PS

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		WC0919624	WC0488436	---
Sample Date		Client Info		05 Apr 2024	21 Apr 2021	---
Machine Age	hrs	Client Info		0	0	---
Oil Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		N/A	Not Changd	---
Sample Status				NORMAL	NORMAL	---

CORROSION

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

Iron	ppm	ASTM D5185(m)	>15	0	5	---
Aluminum	ppm	ASTM D5185(m)	>10	8	1	---
Copper	ppm	ASTM D5185(m)	>10	<1	<1	---
Lead	ppm	ASTM D5185(m)	>10	0	7	---
Tin	ppm	ASTM D5185(m)	>10	0	2	---
Silver	ppm	ASTM D5185(m)	>10	<1	<1	---
Zinc	ppm	ASTM D5185(m)	>10	2	2	---

CONTAMINANTS

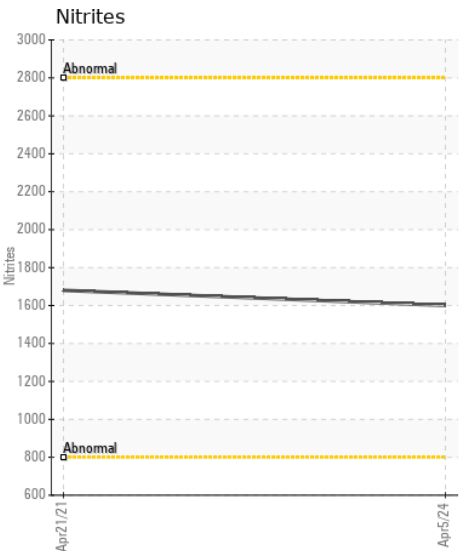
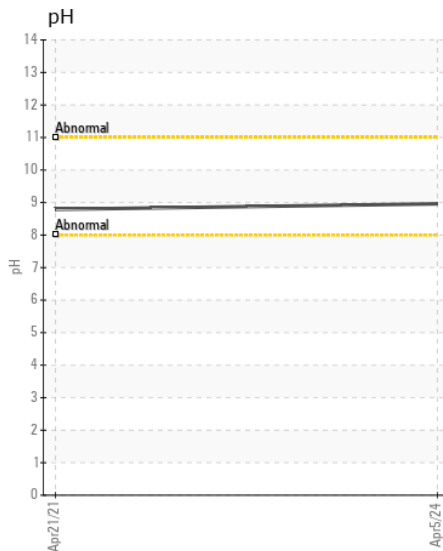
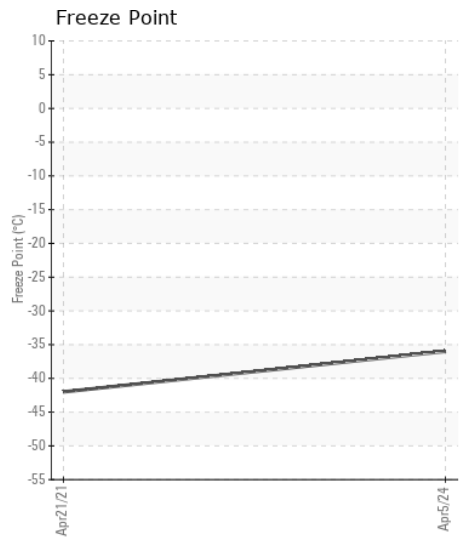
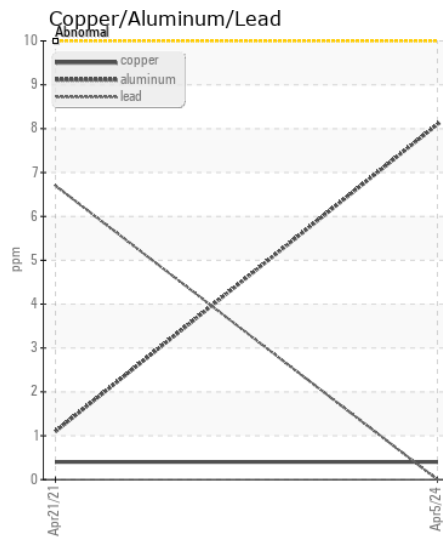
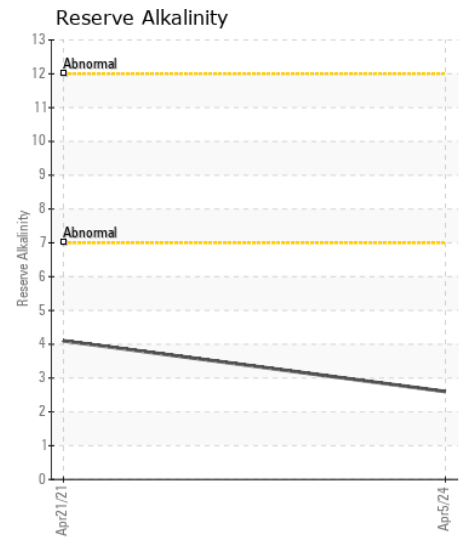
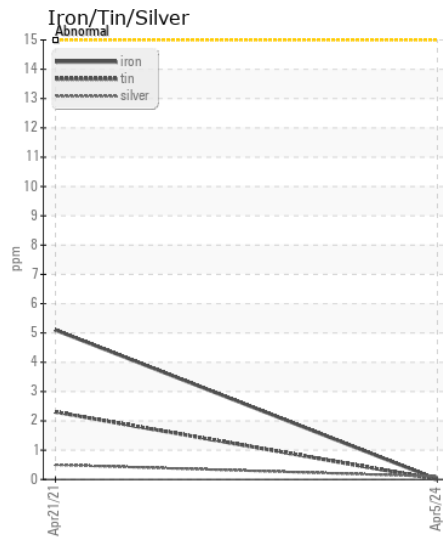
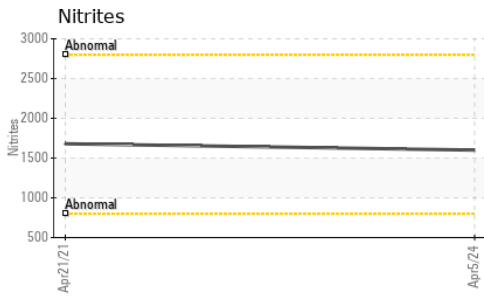
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	1	3	---
Magnesium	ppm	ASTM D5185(m)	>40	1	2	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Coolant Appearance		Visual*	Clear	---	Cloudy	---

COOLANT CONDITION

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

Boiling Point	°C	WC Method*		107	---	---
Specific Gravity		ASTM D1298*		1.066	1.071	---
pH	Scale 0-14	ASTM D1287*	9.5	8.96	8.79	---
Nitrites	ppm	Alcan Test Kit*	1500	1600	1680	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	8.5	2.6	4.1	---
Percentage Glycol	%	ASTM D3321*	50	49.0	53.0	---
Freezing Point	°C	ASTM D3321*	-40	-36	-42	---
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		34	43	---
Phosphorus	ppm	ASTM D5185(m)		63	65	---
Boron	ppm	ASTM D5185(m)		113	388	---
Molybdenum	ppm	ASTM D5185(m)		25	13	---
Sodium	ppm	ASTM D5185(m)		1441	1892	---
Potassium	ppm	ASTM D5185(m)		526	184	---
Coolant Color		Visual*	Green	---	Green	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0919624 **Received** : 15 Apr 2024
Lab Number : 02629046 **Tested** : 16 Apr 2024
Unique Number : 5762178 **Diagnosed** : 17 Apr 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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