



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
TRANSMISSION/NORTH BRAMPTON

Machine Id
10434

Component
Coolant

Fluid
CONVENTIONAL COOLANT (200 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		WC0918927	---	---
Sample Date		Client Info		13 Mar 2024	---	---
Machine Age	hrs	Client Info		686	---	---
Oil Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Not Chngd	---	---
Sample Status				NORMAL	---	---

CORROSION

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

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

CONTAMINANTS

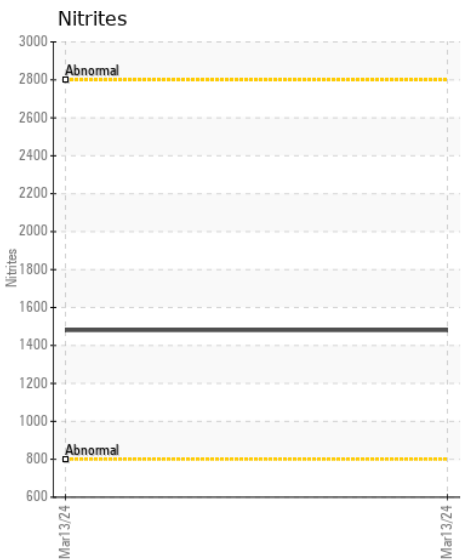
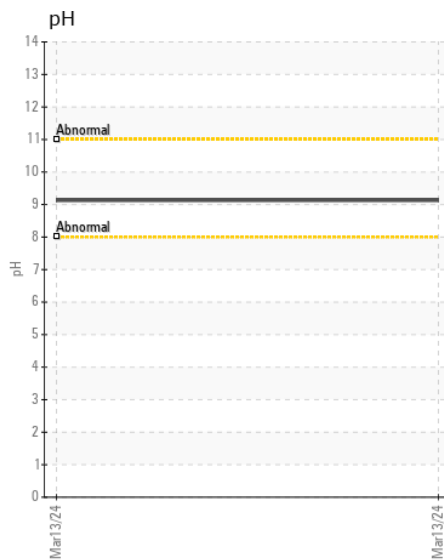
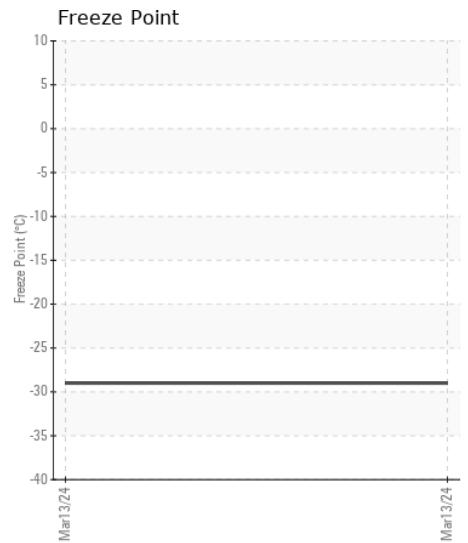
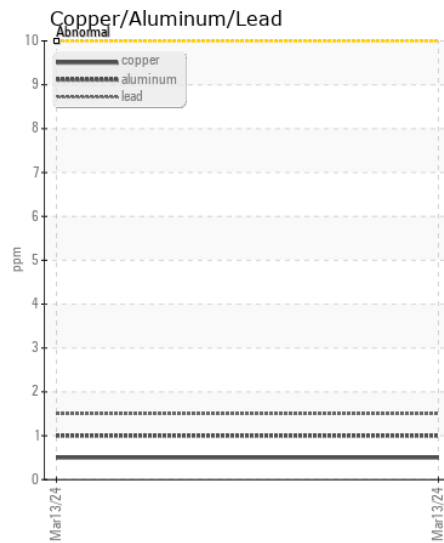
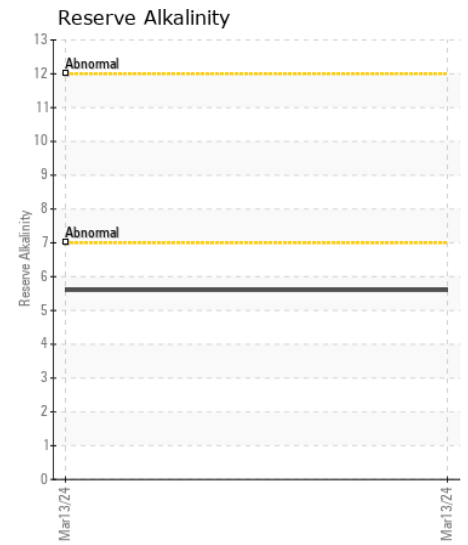
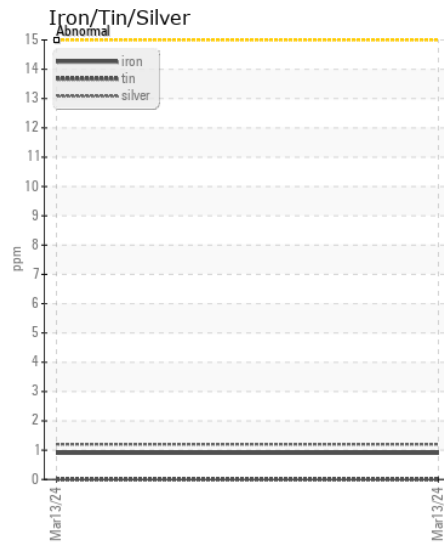
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	2	---	---
Magnesium	ppm	ASTM D5185(m)	>40	<1	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Coolant Appearance		Visual*	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*		106	---	---
Specific Gravity		ASTM D1298*		1.060	---	---
pH	Scale 0-14	ASTM D1287*	9.5	9.13	---	---
Nitrites	ppm	Alcan Test Kit*	1500	1480	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	8.5	5.6	---	---
Percentage Glycol	%	ASTM D3321*	50	44.7	---	---
Freezing Point	°C	ASTM D3321*	-40	-29	---	---
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		47	---	---
Phosphorus	ppm	ASTM D5185(m)		292	---	---
Boron	ppm	ASTM D5185(m)		202	---	---
Molybdenum	ppm	ASTM D5185(m)		135	---	---
Sodium	ppm	ASTM D5185(m)		1937	---	---
Potassium	ppm	ASTM D5185(m)		1459	---	---
Coolant Color		Visual*	Green	Green	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0918927
Lab Number : 02625064
Unique Number : 5750183
Test Package : COOL (Additional Tests: GlycolType)
Received : 27 Mar 2024
Tested : 27 Mar 2024
Diagnosed : 28 Mar 2024 - Kevin Marson

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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.