



COOLANT REPORT

CORROSION	ABNORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
TRANSMISSION/EAST BRAMPTON

Machine Id
75998-387

Component
Coolant

Fluid
CONVENTIONAL COOLANT (--- LTR)

RECOMMENDATION

We recommend drain system, and refill with 50/50 antifreeze water mixture. We advise that you replenish the supplemental coolant additives (SCAs) and add per manufacturer's specifications. We recommend an early resample to monitor this condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		WC0918917	---	---
Sample Date		Client Info		12 Mar 2024	---	---
Machine Age	hrs	Client Info		1013	---	---
Oil Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Not Chngd	---	---
Sample Status				ABNORMAL	---	---

CORROSION

Copper ppm levels are abnormal. The high metal levels indicate corrosion in the system.

Iron	ppm	ASTM D5185(m)	>15	<1	---	---
Aluminum	ppm	ASTM D5185(m)	>10	<1	---	---
Copper	ppm	ASTM D5185(m)	>10	▲ 12	---	---
Lead	ppm	ASTM D5185(m)	>10	0	---	---
Tin	ppm	ASTM D5185(m)	>10	0	---	---
Silver	ppm	ASTM D5185(m)	>10	1	---	---
Zinc	ppm	ASTM D5185(m)	>10	0	---	---

CONTAMINANTS

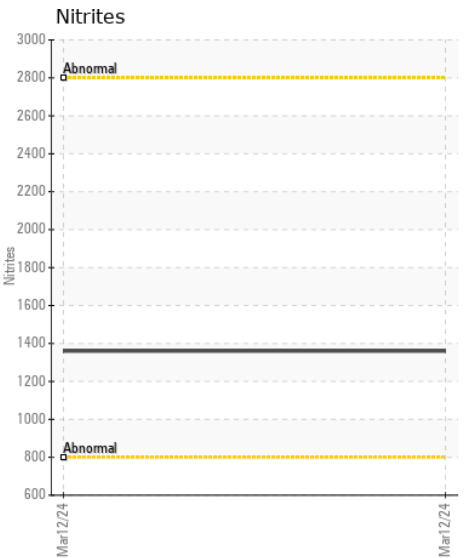
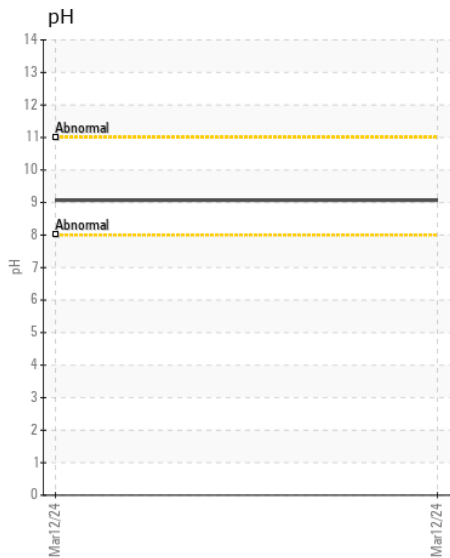
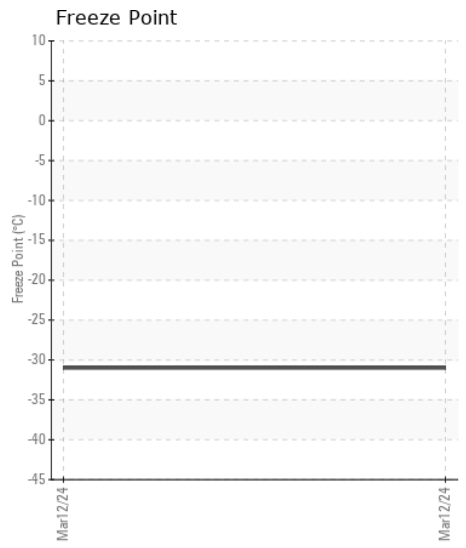
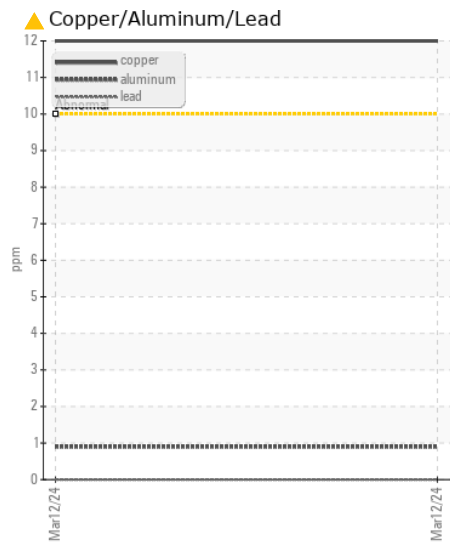
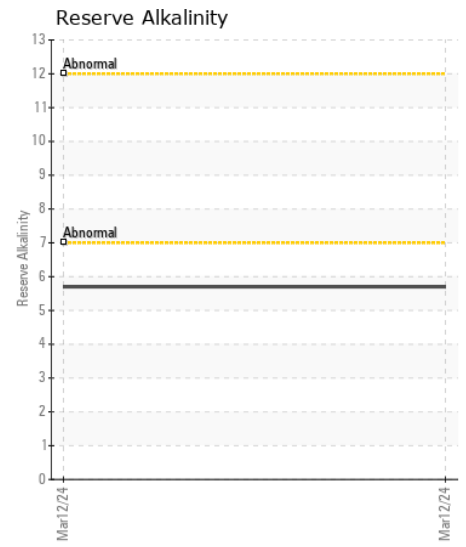
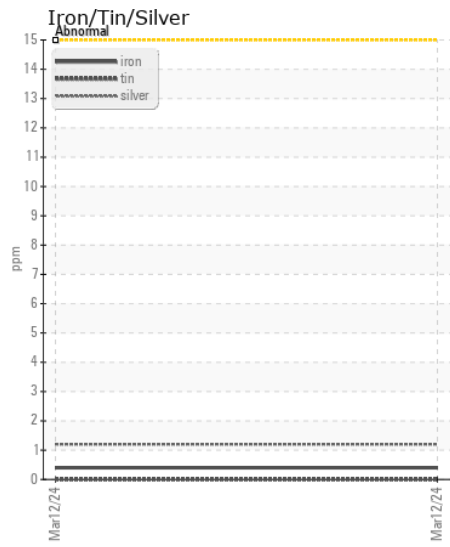
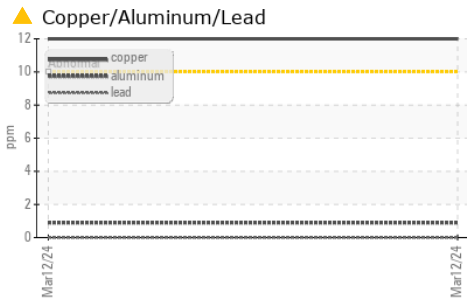
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	4	---	---
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*		107	---	---
Specific Gravity		ASTM D1298*		1.061	---	---
pH	Scale 0-14	ASTM D1287*	9.5	9.07	---	---
Nitrites	ppm	Alcan Test Kit*	1500	1360	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	8.5	5.7	---	---
Percentage Glycol	%	ASTM D3321*	50	45.2	---	---
Freezing Point	°C	ASTM D3321*	-40	-31	---	---
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		36	---	---
Phosphorus	ppm	ASTM D5185(m)		291	---	---
Boron	ppm	ASTM D5185(m)		106	---	---
Molybdenum	ppm	ASTM D5185(m)		128	---	---
Sodium	ppm	ASTM D5185(m)		1057	---	---
Potassium	ppm	ASTM D5185(m)		1856	---	---
Coolant Color		Visual*	Green	Grn/Yellow	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0918917
Lab Number : 02625069
Unique Number : 5750188
Test Package : COOL (Additional Tests: GlycolType)

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Received : 27 Mar 2024
 Tested : 27 Mar 2024
 Diagnosed : 28 Mar 2024 - Kevin Marson
 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.