



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
TRANSMISSION/ALLOY

Machine Id
50438

Component
Coolant

Fluid
CONVENTIONAL COOLANT (400 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		WC0918929	---	---
Sample Date		Client Info		13 Mar 2024	---	---
Machine Age	hrs	Client Info		229	---	---
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	0	---	---
Aluminum	ppm	ASTM D5185(m)	>10	2	---	---
Copper	ppm	ASTM D5185(m)	>10	3	---	---
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

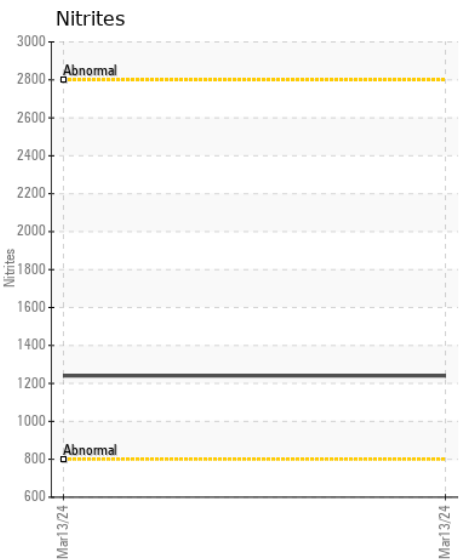
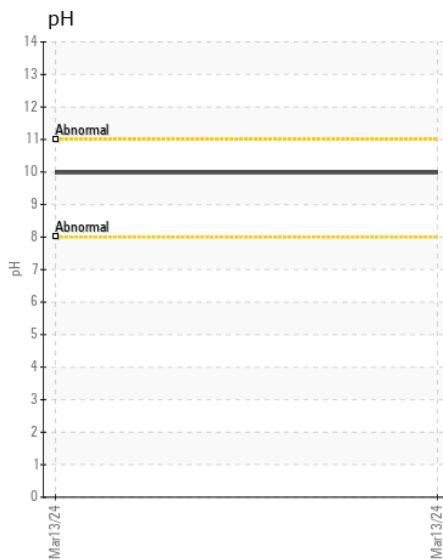
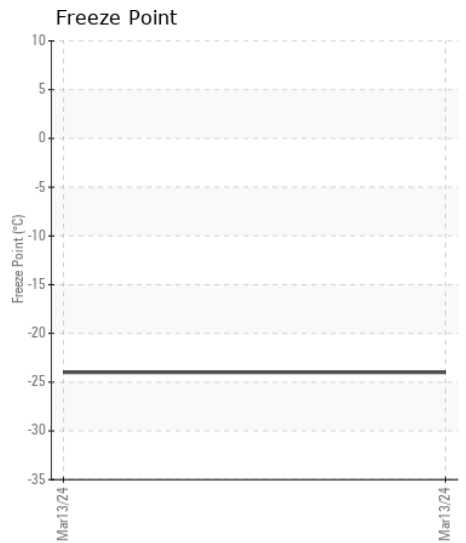
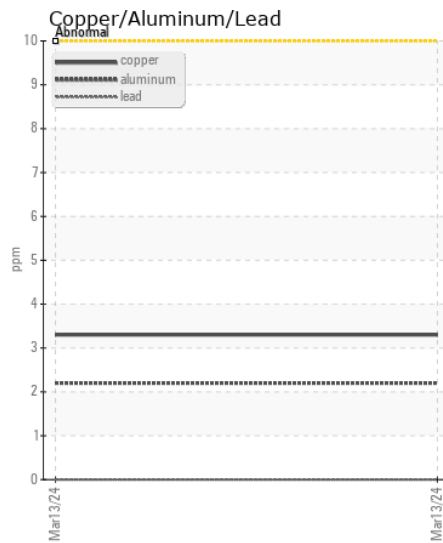
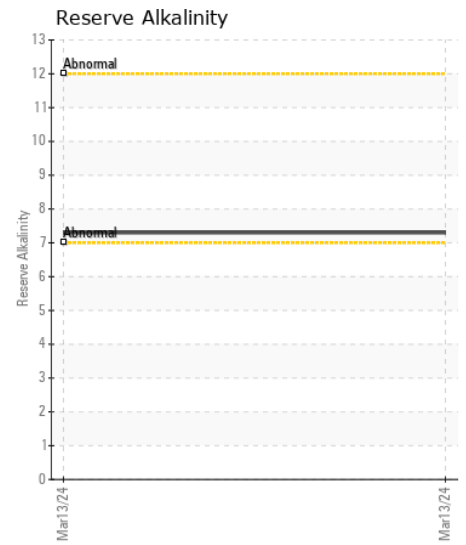
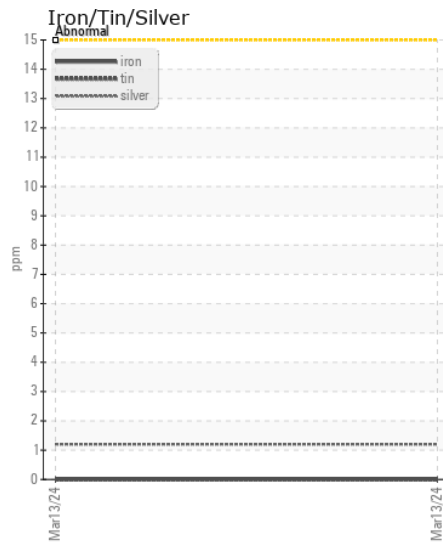
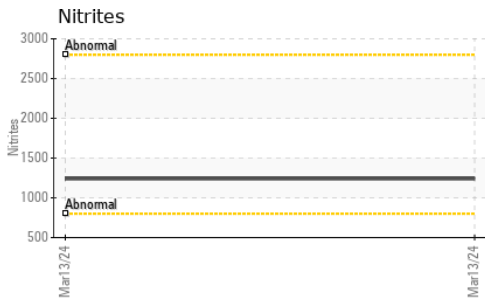
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	3	---	---
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. The reserve alkalinity of this fluid is acceptable.

Boiling Point	°C	WC Method*		106	---	---
Specific Gravity		ASTM D1298*		1.053	---	---
pH	Scale 0-14	ASTM D1287*	9.5	9.98	---	---
Nitrites	ppm	Alcan Test Kit*	1500	1240	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	8.5	7.3	---	---
Percentage Glycol	%	ASTM D3321*	50	39.0	---	---
Freezing Point	°C	ASTM D3321*	-40	-24	---	---
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		57	---	---
Phosphorus	ppm	ASTM D5185(m)		594	---	---
Boron	ppm	ASTM D5185(m)		196	---	---
Molybdenum	ppm	ASTM D5185(m)		394	---	---
Sodium	ppm	ASTM D5185(m)		1112	---	---
Potassium	ppm	ASTM D5185(m)		3594	---	---
Coolant Color		Visual*	Green	Other	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0918929 **Received** : 27 Mar 2024
Lab Number : 02625063 **Tested** : 27 Mar 2024
Unique Number : 5750182 **Diagnosed** : 28 Mar 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.