



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
STEELCON [152455]
 Machine Id
74977212
 Component
Coolant
 Fluid
{not provided} (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		CU0022381	---	---
Sample Date		Client Info		03 Jan 2024	---	---
Machine Age	hrs	Client Info		126	---	---
Oil Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Not Changd	---	---
Sample Status				NORMAL	---	---

CORROSION

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>15	0	---	---
Aluminum	ppm	ASTM D5185(m)	>10	1	---	---
Copper	ppm	ASTM D5185(m)	>10	0	---	---
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	<1	---	---

CONTAMINANTS

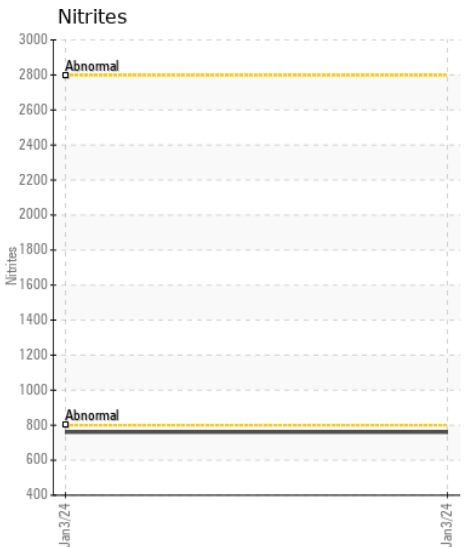
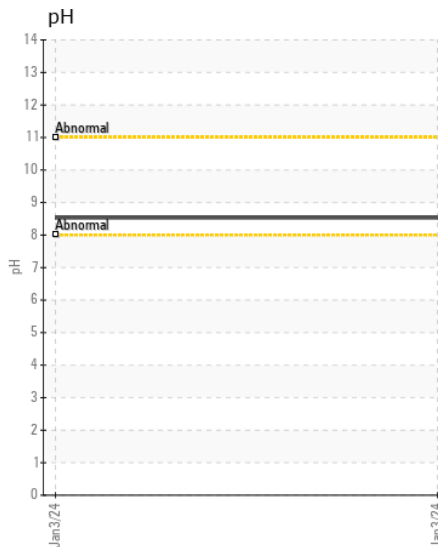
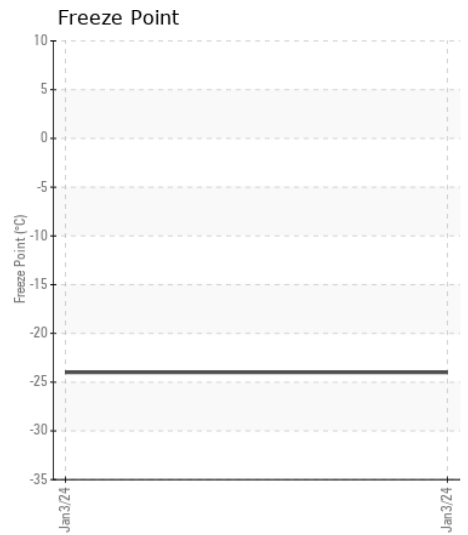
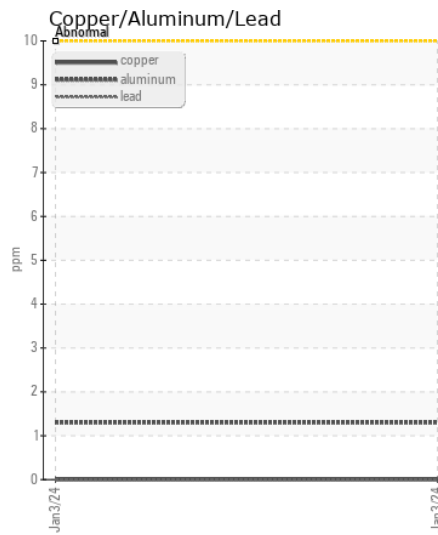
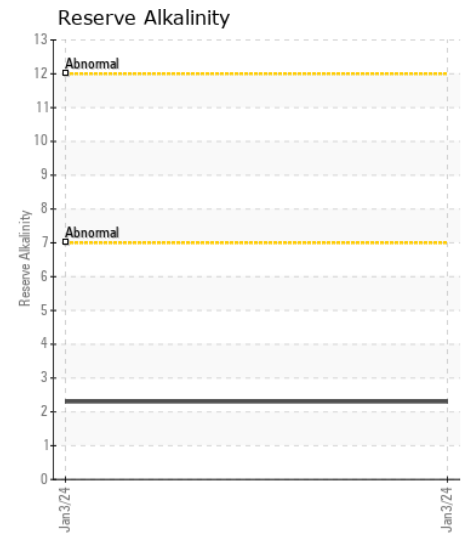
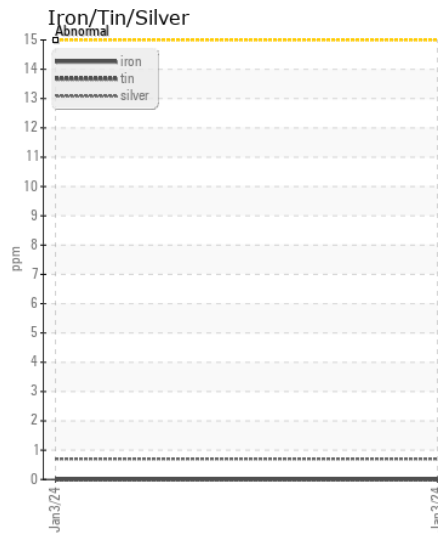
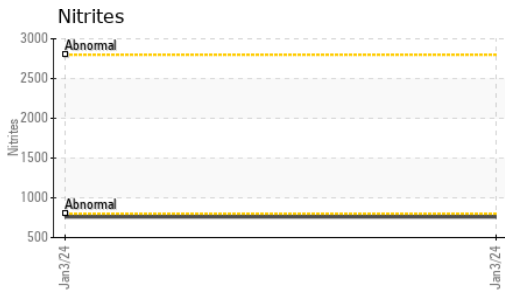
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	1	---	---
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 condition of the coolant is acceptable for the time in service.

Specific Gravity		ASTM D1298*		1.062	---	---
pH	Scale 0-14	ASTM D1287*		8.53	---	---
Nitrites	ppm	Alcan Test Kit*		760	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*		2.3	---	---
Percentage Glycol	%	ASTM D3321*		45.6	---	---
Freezing Point	°C	ASTM D3321*		-24	---	---
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		17	---	---
Phosphorus	ppm	ASTM D5185(m)		<1	---	---
Boron	ppm	ASTM D5185(m)		3	---	---
Molybdenum	ppm	ASTM D5185(m)		10	---	---
Sodium	ppm	ASTM D5185(m)		80	---	---
Potassium	ppm	ASTM D5185(m)		8285	---	---
Coolant Color		Visual*		Yellow	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 CUMMINS CANADA ULC - GENERATOR DIVISION
Sample No. : CU0022381 **Received** : 22 Jan 2024 7175 PACIFIC CIRCLE
Lab Number : 02610471 **Diagnosed** : 24 Jan 2024 MISSISSAUGA, ON
Unique Number : 5711557 **Diagnostician** : Wes Davis CA L5T 2A5
Test Package : COOL

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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