



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Machine Id
093106
 Component
Coolant
 Fluid
{not provided} (25 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		WC105097	---	---
Sample Date		Client Info		12 Jan 2024	---	---
Machine Age	hrs	Client Info		3093	---	---
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	<1	---	---
Copper	ppm	ASTM D5185(m)	>10	<1	---	---
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	3	---	---

CONTAMINANTS

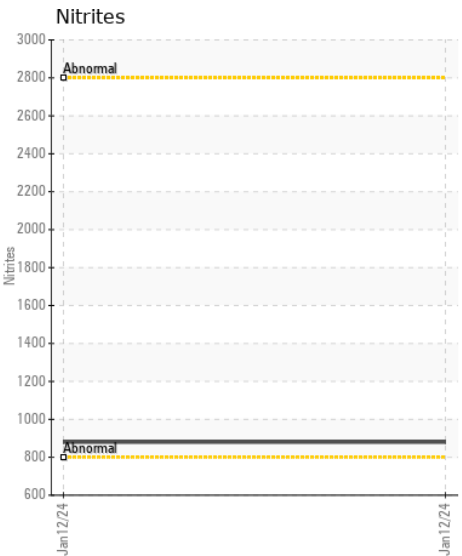
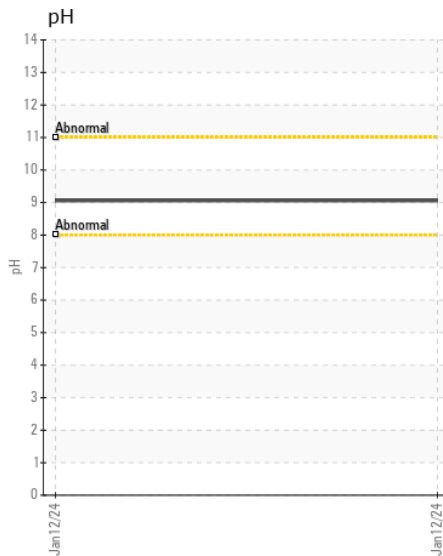
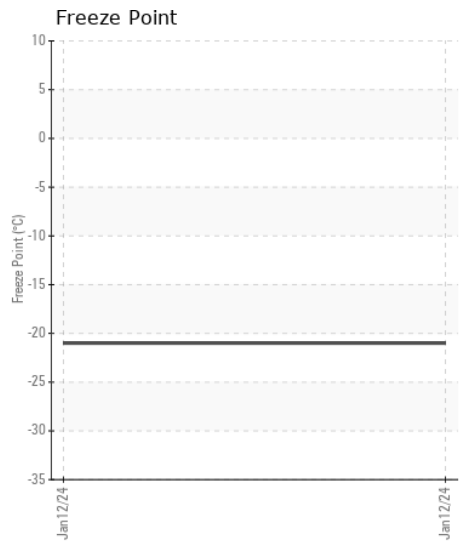
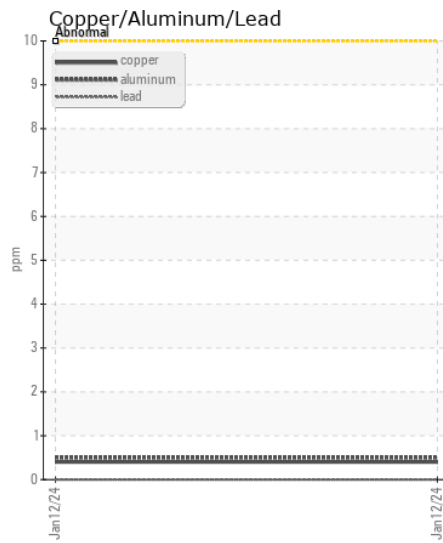
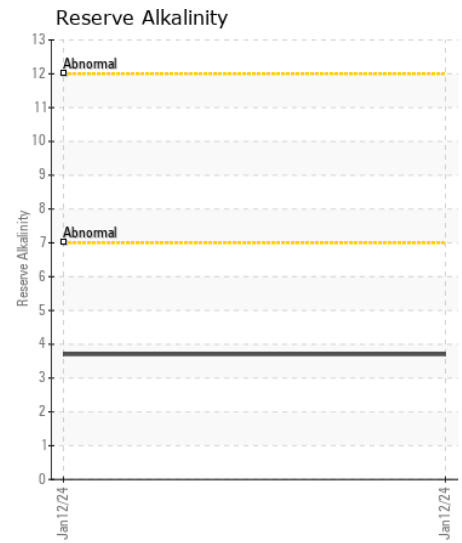
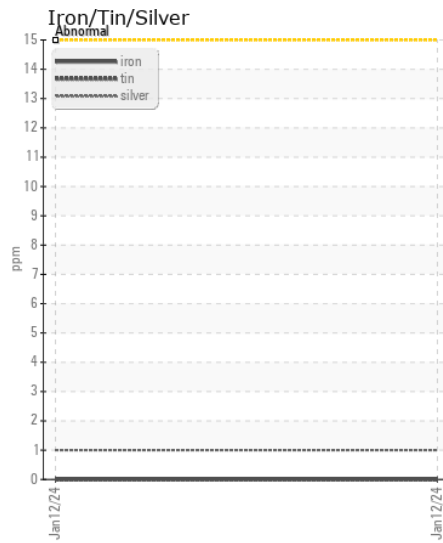
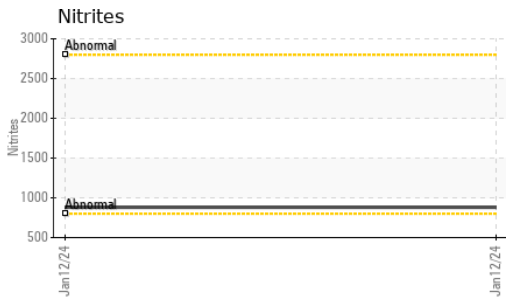
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	4	---	---
Magnesium	ppm	ASTM D5185(m)	>40	2	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	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.

Specific Gravity		ASTM D1298*		1.060	---	---
pH	Scale 0-14	ASTM D1287*		9.06	---	---
Nitrites	ppm	Alcan Test Kit*		880	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*		3.7	---	---
Percentage Glycol	%	ASTM D3321*		44.9	---	---
Freezing Point	°C	ASTM D3321*		-21	---	---
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		39	---	---
Phosphorus	ppm	ASTM D5185(m)		148	---	---
Boron	ppm	ASTM D5185(m)		78	---	---
Molybdenum	ppm	ASTM D5185(m)		4	---	---
Sodium	ppm	ASTM D5185(m)		1154	---	---
Potassium	ppm	ASTM D5185(m)		3458	---	---
Coolant Color		Visual*		Grn/Yellow	---	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC105097 **Received** : 16 Jan 2024
Lab Number : 02609143 **Diagnosed** : 19 Jan 2024
Unique Number : 5710229 **Diagnostician** : Kevin Marson
Test Package : COOL

C.G. EQUIPMENT
 7367 Wellington Rd. 30, Unit A
 Guelph, ON
 CA N0M 2T0
 Contact: CG Equipment CG Guelph
 cory@cgequipment.com
 T: (519)826-0550
 F: (519)837-2055

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.