



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
[149324]
 Machine Id
F190585597 G1
 Component
Coolant
 Fluid
{not provided} (--- GAL)

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		CU0022344	CU0020626	---
Sample Date		Client Info		31 Jan 2024	28 Nov 2022	---
Machine Age	hrs	Client Info		90	0	---
Oil Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Changed	---
Sample Status				NORMAL	NORMAL	---

CORROSION

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

Iron	ppm	ASTM D5185(m)	>15	0	<1	---
Aluminum	ppm	ASTM D5185(m)	>10	3	4	---
Copper	ppm	ASTM D5185(m)	>10	<1	3	---
Lead	ppm	ASTM D5185(m)	>10	<1	0	---
Tin	ppm	ASTM D5185(m)	>10	0	0	---
Silver	ppm	ASTM D5185(m)	>10	<1	0	---
Zinc	ppm	ASTM D5185(m)	>10	2	<1	---

CONTAMINANTS

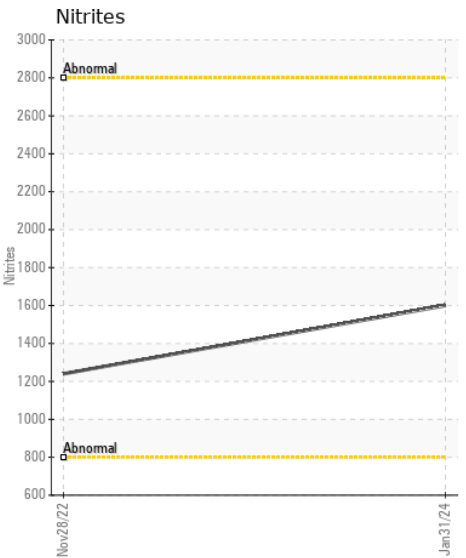
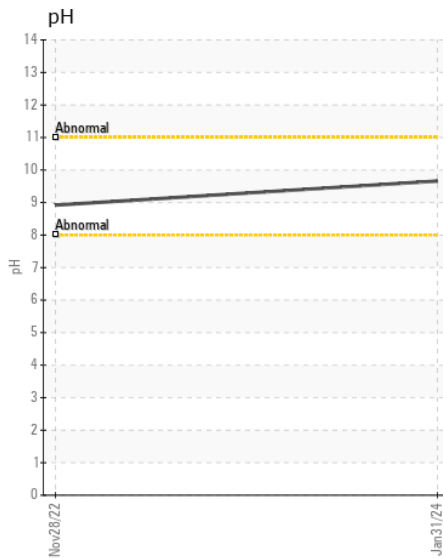
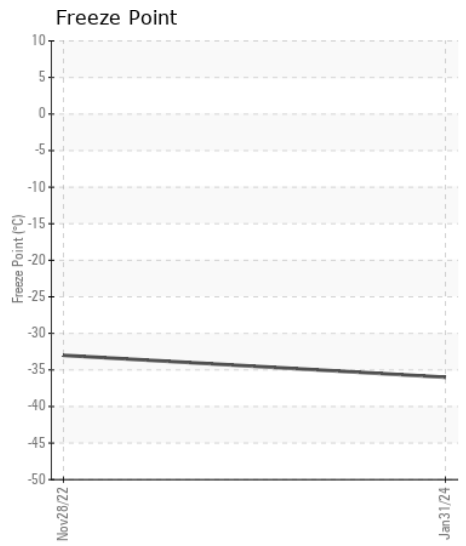
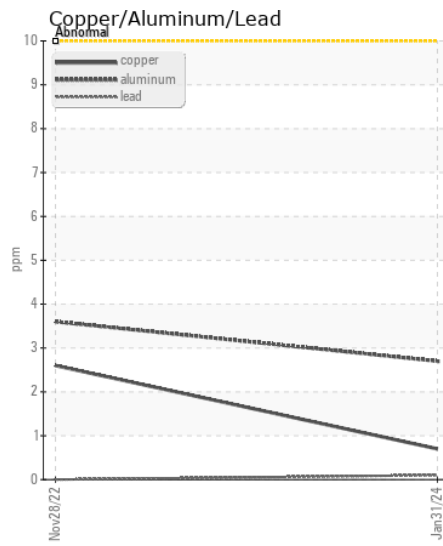
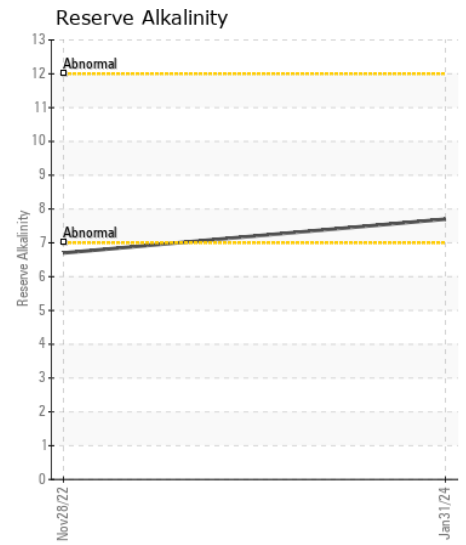
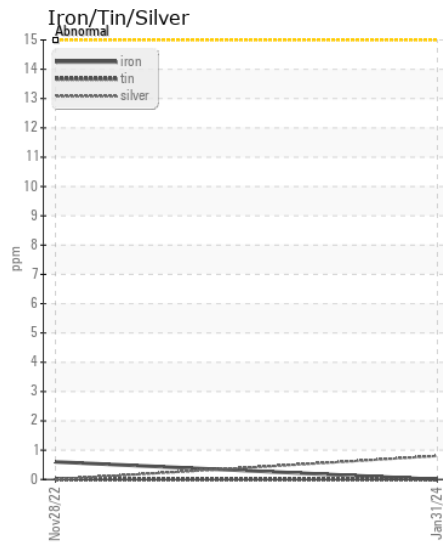
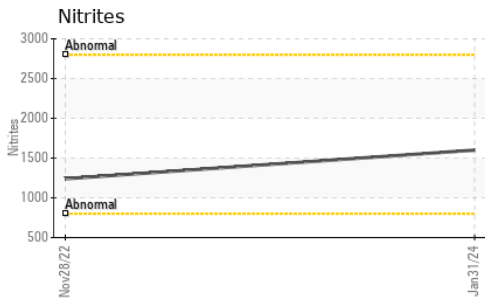
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	2	1	---
Magnesium	ppm	ASTM D5185(m)	>40	<1	<1	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Coolant Appearance		Visual*	Clear	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.

Specific Gravity		ASTM D1298*		1.067	1.067	---
pH	Scale 0-14	ASTM D1287*		9.66	8.92	---
Nitrites	ppm	Alcan Test Kit*		1600	1240	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*		7.7	6.7	---
Percentage Glycol	%	ASTM D3321*		49.6	49.7	---
Freezing Point	°C	ASTM D3321*		-36	-33	---
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		53	58	---
Phosphorus	ppm	ASTM D5185(m)		1370	746	---
Boron	ppm	ASTM D5185(m)		298	282	---
Molybdenum	ppm	ASTM D5185(m)		476	476	---
Sodium	ppm	ASTM D5185(m)		1755	1144	---
Potassium	ppm	ASTM D5185(m)		9667	2801	---
Coolant Color		Visual*		Blue	Blue	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : CU0022344
Lab Number : 02616099
Unique Number : 5733209
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.