



# COOLANT REPORT

CORROSION	<b>NORMAL</b>
CONTAMINANTS	<b>NORMAL</b>
COOLANT CONDITION	<b>NORMAL</b>

Area

[136653]

Machine Id

73890109

Component

Coolant

Fluid

HYBRID (HOAT) COOLANT (--- 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		CU0023309	---	---
Sample Date		Client Info		16 Jun 2024	---	---
Machine Age	hrs	Client Info		0	---	---
Oil Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		N/A	---	---
Sample Status				<b>NORMAL</b>	---	---

## 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	0	---	---
Lead	ppm	ASTM D5185(m)	>10	0	---	---
Tin	ppm	ASTM D5185(m)	>10	0	---	---
Silver	ppm	ASTM D5185(m)	>10	0	---	---
Zinc	ppm	ASTM D5185(m)	>10	<1	---	---

## CONTAMINANTS

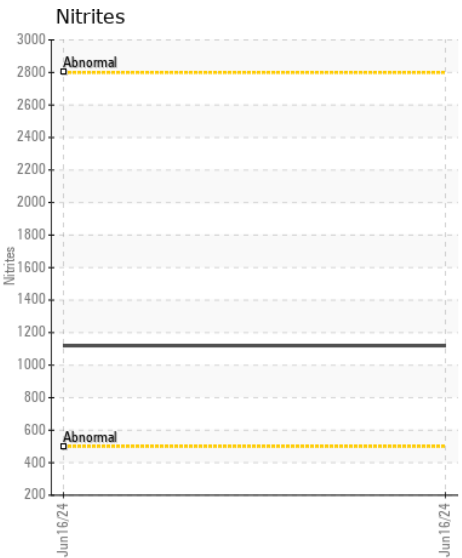
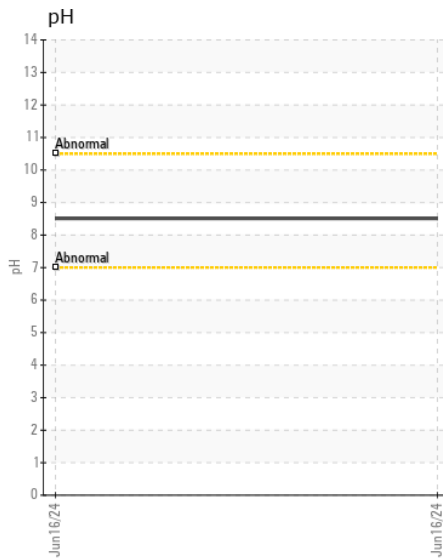
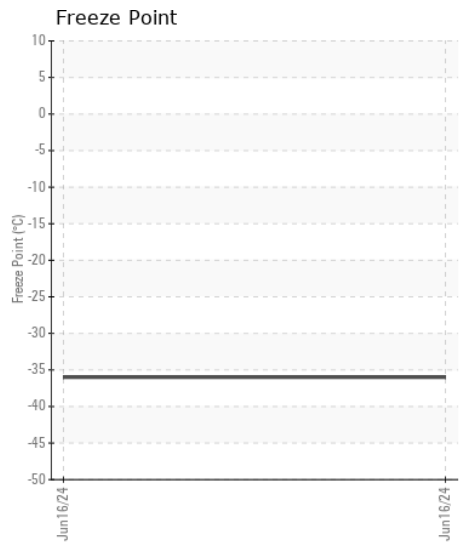
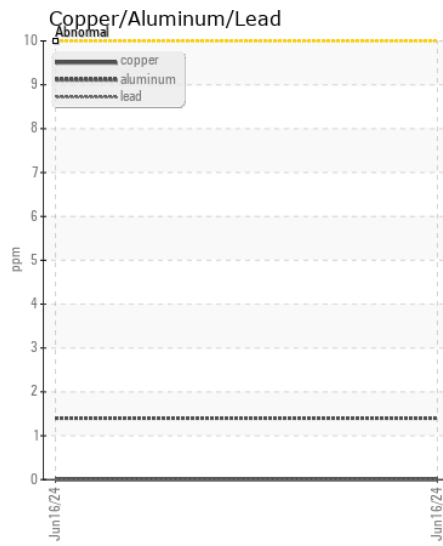
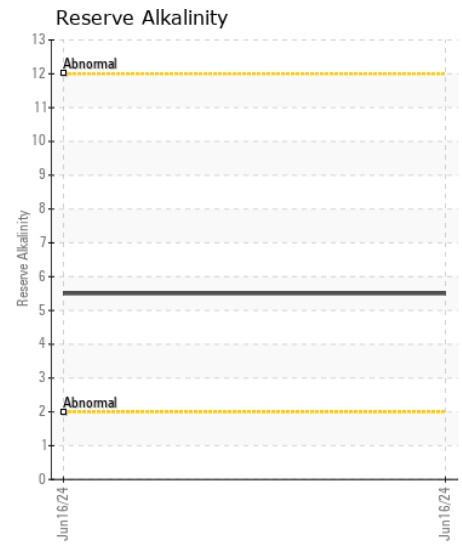
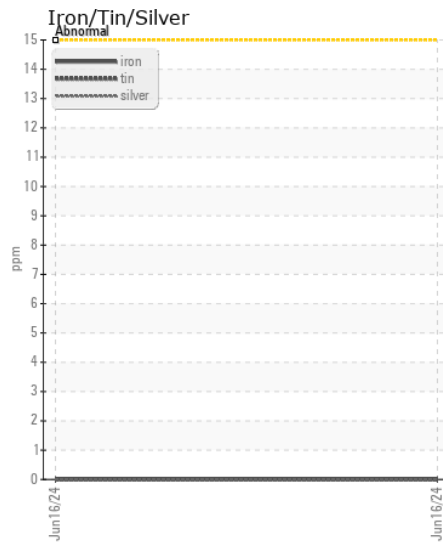
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	0	---	---
Magnesium	ppm	ASTM D5185(m)	>40	<1	---	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	---	---
Coolant Appearance		Visual*	Clear	<b>Clear</b>	---	---

## 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*		107	---	---
Specific Gravity		ASTM D1298*		1.067	---	---
pH	Scale 0-14	ASTM D1287*		8.51	---	---
Nitrites	ppm	Alcan Test Kit*		1120	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*		5.5	---	---
Percentage Glycol	%	ASTM D3321*		49.2	---	---
Freezing Point	°C	ASTM D3321*		-36	---	---
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		48	---	---
Phosphorus	ppm	ASTM D5185(m)		951	---	---
Boron	ppm	ASTM D5185(m)		239	---	---
Molybdenum	ppm	ASTM D5185(m)		401	---	---
Sodium	ppm	ASTM D5185(m)		1230	---	---
Potassium	ppm	ASTM D5185(m)		4277	---	---
Coolant Color		Visual*		<b>Blue</b>	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : CU0023309  
**Lab Number** : 02642427  
**Unique Number** : 5799966  
**Test Package** : COOL ( Additional Tests: GlycolType )

**CUMMINS CANADA ULC - GENERATOR DIVISION**  
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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.