



# COOLANT REPORT

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

Area

[154946]

Machine Id

676 ENG 2

Component

Coolant

Fluid

EXTENDED LIFE 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		CU0023792	---	---
Sample Date		Client Info		23 May 2024	---	---
Machine Age	hrs	Client Info		8801	---	---
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	3	---	---
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	4	---	---

## CONTAMINANTS

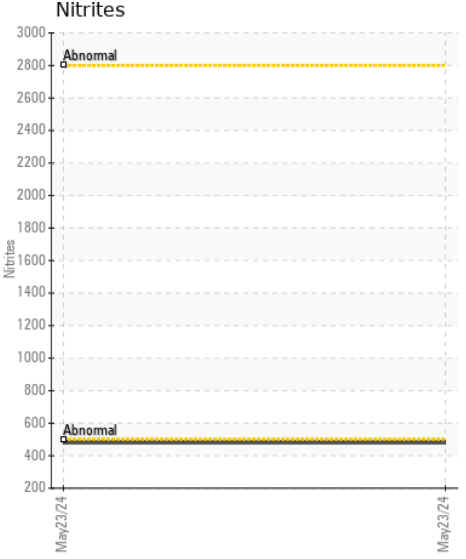
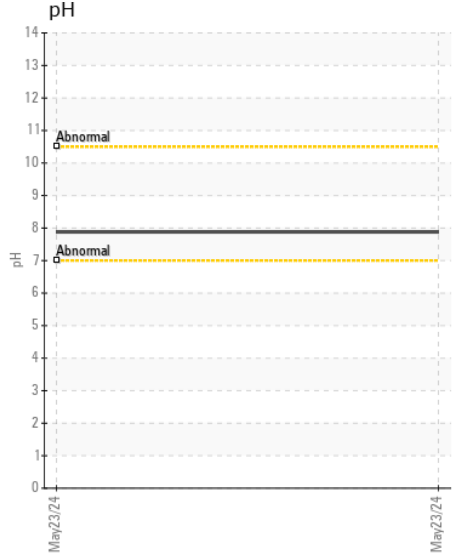
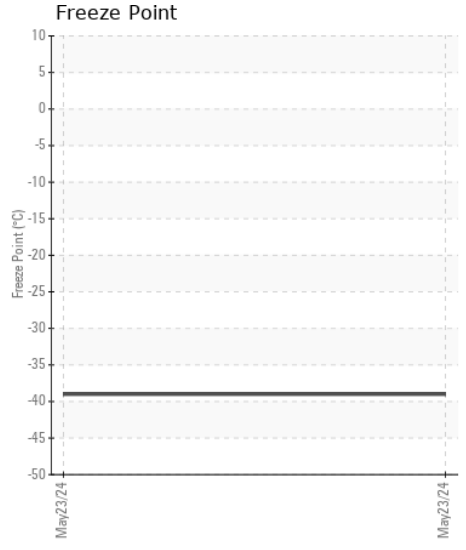
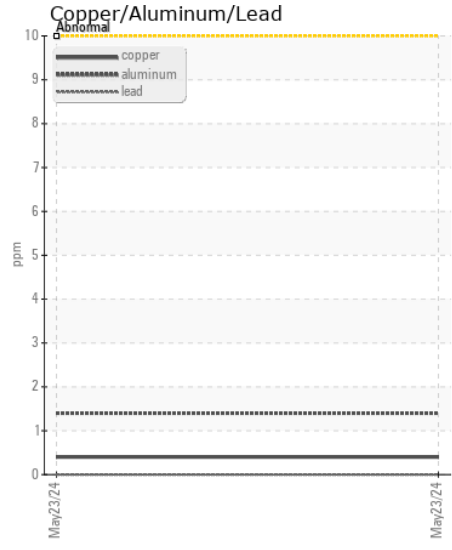
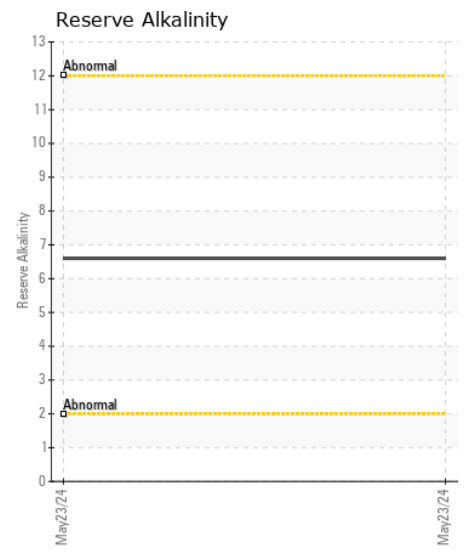
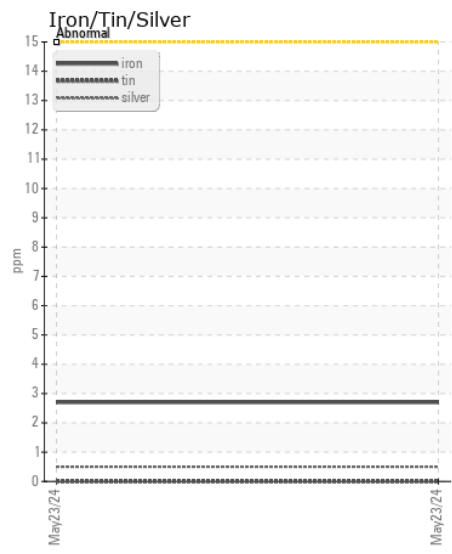
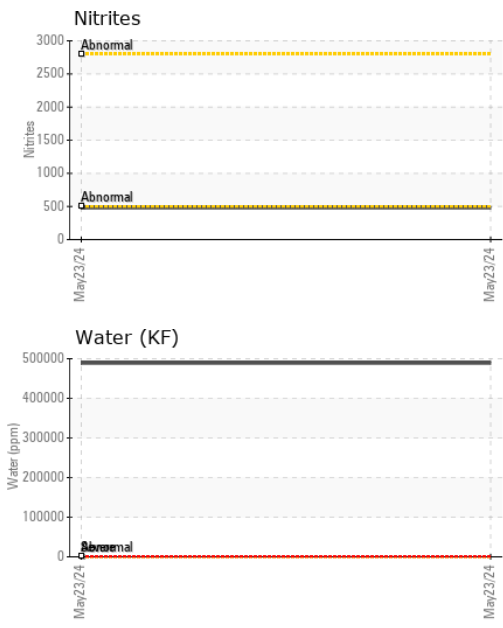
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	16	---	---
Magnesium	ppm	ASTM D5185(m)	>40	4	---	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	---	---
Coolant Appearance		Visual*	Clear	<b>Clear</b>	---	---

## COOLANT CONDITION

The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

Boiling Point	°C	WC Method*		108	---	---
Specific Gravity		ASTM D1298*		1.069	---	---
pH	Scale 0-14	ASTM D1287*	9.0	7.88	---	---
Nitrites	ppm	Alcan Test Kit*		480	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*		6.6	---	---
Percentage Glycol	%	ASTM D3321*	50	51.3	---	---
Freezing Point	°C	ASTM D3321*	-40	-39	---	---
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		14	---	---
Phosphorus	ppm	ASTM D5185(m)		10	---	---
Boron	ppm	ASTM D5185(m)		21	---	---
Molybdenum	ppm	ASTM D5185(m)		207	---	---
Sodium	ppm	ASTM D5185(m)		11992	---	---
Potassium	ppm	ASTM D5185(m)		24	---	---
Coolant Color		Visual*	Orange/R	<b>Pink</b>	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

**Sample No.** : CU0023792

**Lab Number** : 02638305

**Unique Number** : 5787467

**Test Package** : COOL ( Additional Tests: GlycolType, KF )

**Received** : 28 May 2024

**Tested** : 31 May 2024

**Diagnosed** : 31 May 2024 - Kevin Marson

**CUMMINS CANADA ULC - GENERATOR DIVISION**

7175 PACIFIC CIRCLE  
MISSISSAUGA, ON  
CA L5T 2A5

Contact: Elisia Johnson  
elisia.johnson@cummins.com

T: (905)795-0050  
F: (905)795-9252

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.