



# COOLANT REPORT

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

Area  
**BEANFIELD TECHNOLOGIES [154968]**

Machine Id  
**J220155854**

Component  
**Coolant**

Fluid  
**FLEETGUARD ES COMPLEAT (--- 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		<b>CU0023338</b>	---	---
Sample Date		Client Info		<b>02 May 2024</b>	---	---
Machine Age	hrs	Client Info		<b>18</b>	---	---
Oil Age	hrs	Client Info		<b>1</b>	---	---
Oil Changed		Client Info		<b>Changed</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

## CORROSION

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

Iron	ppm	ASTM D5185(m)	>15	<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>10	<b>1</b>	---	---
Copper	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	---	---
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	---	---
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)	>10	<b>0</b>	---	---
Zinc	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	---	---

## CONTAMINANTS

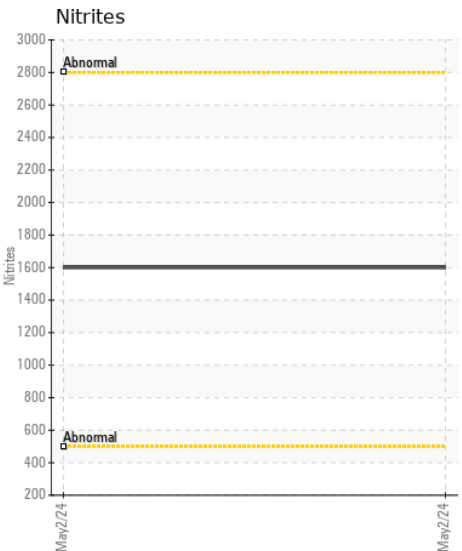
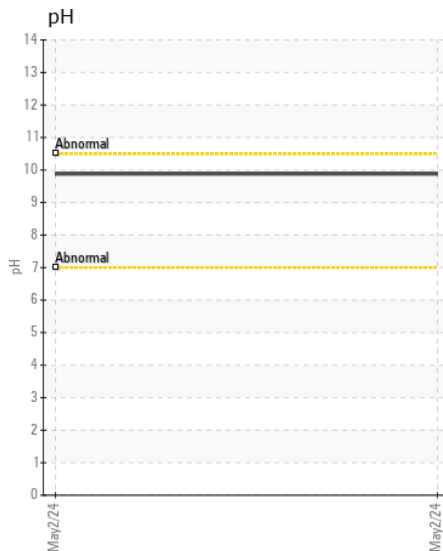
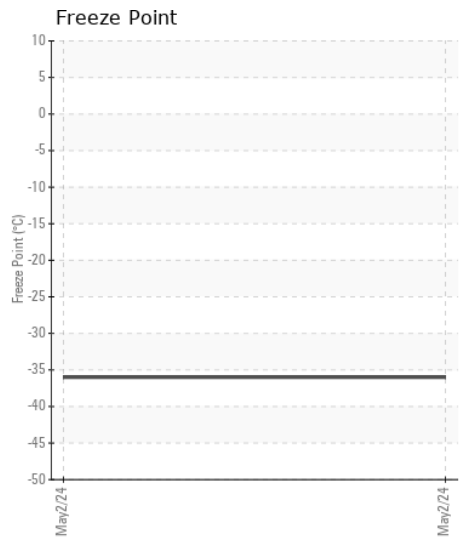
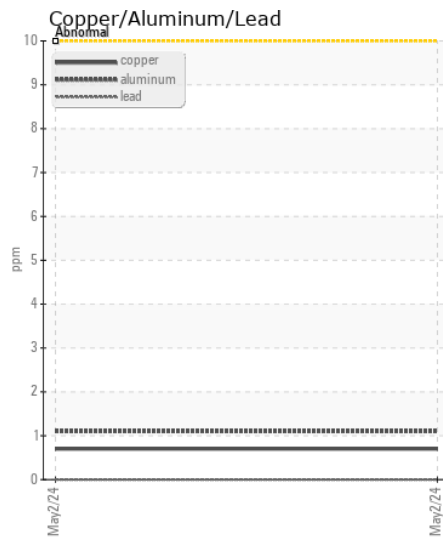
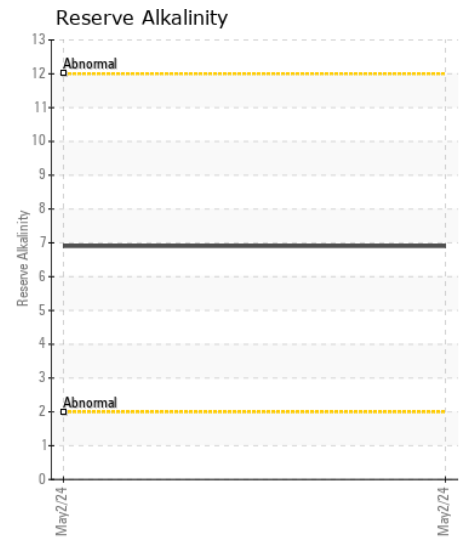
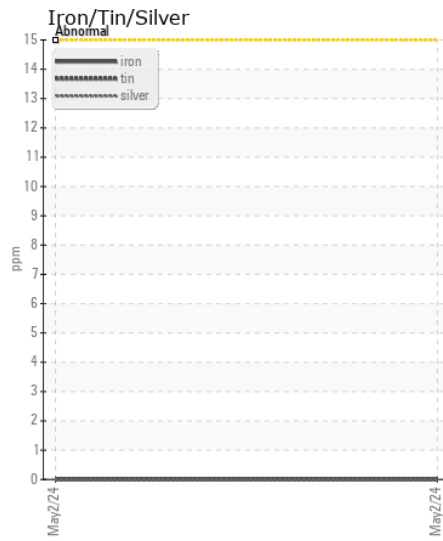
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>1</b>	---	---
Magnesium	ppm	ASTM D5185(m)	>40	<b>1</b>	---	---
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*		<b>107</b>	---	---
Specific Gravity		ASTM D1298*	1.07	<b>1.066</b>	---	---
pH	Scale 0-14	ASTM D1287*	10.5	<b>9.88</b>	---	---
Nitrites	ppm	Alcan Test Kit*		<b>1600</b>	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	5.0	<b>6.9</b>	---	---
Percentage Glycol	%	ASTM D3321*		<b>49.0</b>	---	---
Freezing Point	°C	ASTM D3321*	-37	<b>-36</b>	---	---
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)		<b>25</b>	---	---
Phosphorus	ppm	ASTM D5185(m)		<b>724</b>	---	---
Boron	ppm	ASTM D5185(m)		<b>200</b>	---	---
Molybdenum	ppm	ASTM D5185(m)		<b>336</b>	---	---
Sodium	ppm	ASTM D5185(m)		<b>1109</b>	---	---
Potassium	ppm	ASTM D5185(m)		<b>3644</b>	---	---
Coolant Color		Visual*	Blue	<b>Blue</b>	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : CU0023338  
**Lab Number** : 02640895  
**Unique Number** : 5798434  
**Test Package** : COOL ( Additional Tests: GlycolType )

**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.