



# COOLANT REPORT

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

Area  
**ESTRUXTURE [154149]**  
 Machine Id  
**25373909 GEN 1**  
 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>CU0022727</b>	CU0019597	CU0018429
Sample Date		Client Info		<b>20 Mar 2024</b>	23 Nov 2022	12 Apr 2022
Machine Age	hrs	Client Info		<b>320</b>	311	300
Oil Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	N/A
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

## CORROSION

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

Iron	ppm	ASTM D5185(m)	>15	<b>0</b>	<1	<1
Aluminum	ppm	ASTM D5185(m)	>10	<b>2</b>	4	4
Copper	ppm	ASTM D5185(m)	>10	<b>1</b>	3	2
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	0	2
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	<1
Silver	ppm	ASTM D5185(m)	>10	<b>0</b>	0	<1
Zinc	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	<1

## CONTAMINANTS

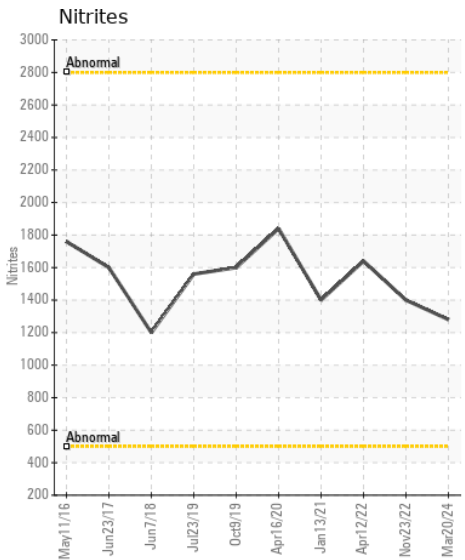
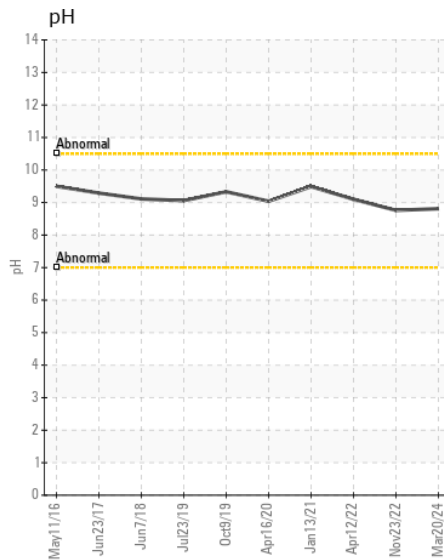
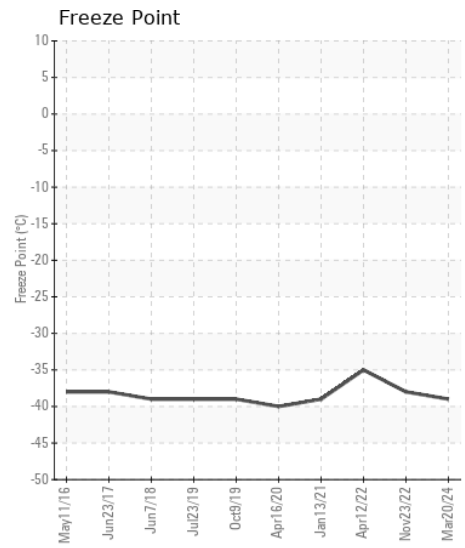
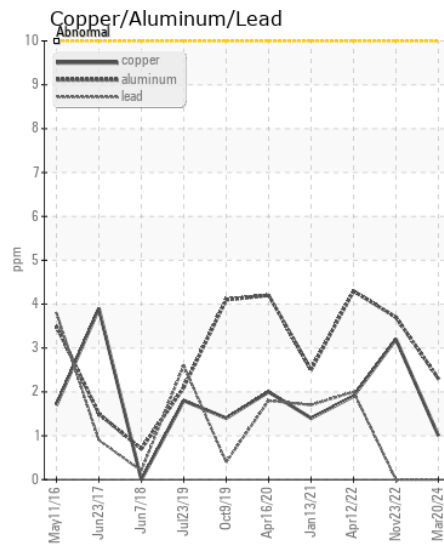
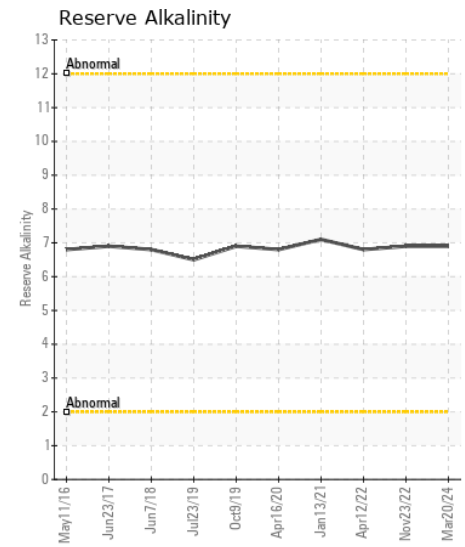
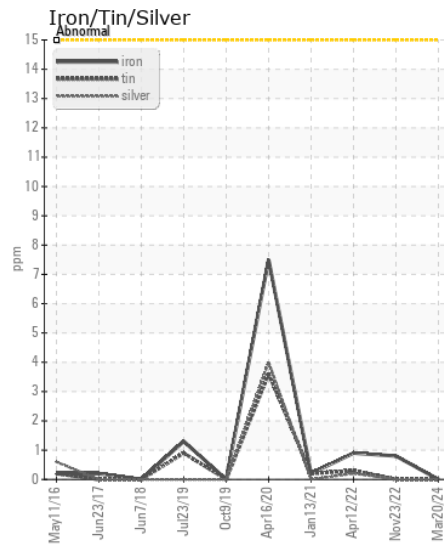
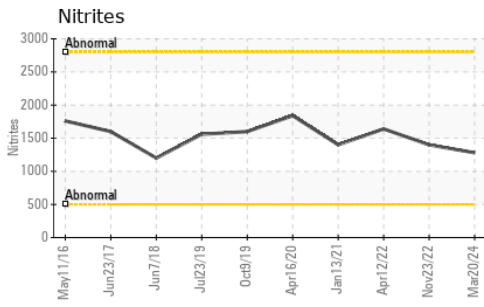
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>1</b>	1	1
Magnesium	ppm	ASTM D5185(m)	>40	<b>&lt;1</b>	<1	<1
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Coolant Appearance		Visual*	Clear	<b>Clear</b>	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.

Boiling Point	°C	WC Method*		<b>108</b>	---	---
Specific Gravity		ASTM D1298*	1.07	<b>1.069</b>	1.069	1.068
pH	Scale 0-14	ASTM D1287*	10.5	<b>8.81</b>	8.76	9.10
Nitrites	ppm	Alcan Test Kit*		<b>1280</b>	1400	1640
Reserve Alkalinity	Scale 0-20	ASTM D1121*	5.0	<b>6.9</b>	6.9	6.8
Percentage Glycol	%	ASTM D3321*		<b>51.2</b>	51.4	50.9
Freezing Point	°C	ASTM D3321*	-37	<b>-39</b>	-38	-35
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)		<b>40</b>	62	59
Phosphorus	ppm	ASTM D5185(m)		<b>734</b>	800	766
Boron	ppm	ASTM D5185(m)		<b>238</b>	309	296
Molybdenum	ppm	ASTM D5185(m)		<b>381</b>	483	470
Sodium	ppm	ASTM D5185(m)		<b>1397</b>	1351	1134
Potassium	ppm	ASTM D5185(m)		<b>4644</b>	3049	2275
Coolant Color		Visual*	Blue	<b>Green</b>	Green	Green



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : CU0022727 **Received** : 29 Apr 2024  
**Lab Number** : 02632113 **Tested** : 30 Apr 2024  
**Unique Number** : 5773266 **Diagnosed** : 01 May 2024 - Kevin Marson  
**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.