



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
ESTRUXTURE [154143]
 Machine Id
25398686 GEN 6
 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		CU0022713	CU0020081	CU0018411
Sample Date		Client Info		21 Mar 2024	24 Nov 2022	13 Apr 2022
Machine Age	hrs	Client Info		186	176	170
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	N/A
Sample Status				NORMAL	NORMAL	NORMAL

CORROSION

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

Iron	ppm	ASTM D5185(m)	>15	0	<1	<1
Aluminum	ppm	ASTM D5185(m)	>10	4	4	5
Copper	ppm	ASTM D5185(m)	>10	2	3	2
Lead	ppm	ASTM D5185(m)	>10	0	<1	2
Tin	ppm	ASTM D5185(m)	>10	0	0	<1
Silver	ppm	ASTM D5185(m)	>10	0	0	<1
Zinc	ppm	ASTM D5185(m)	>10	<1	<1	<1

CONTAMINANTS

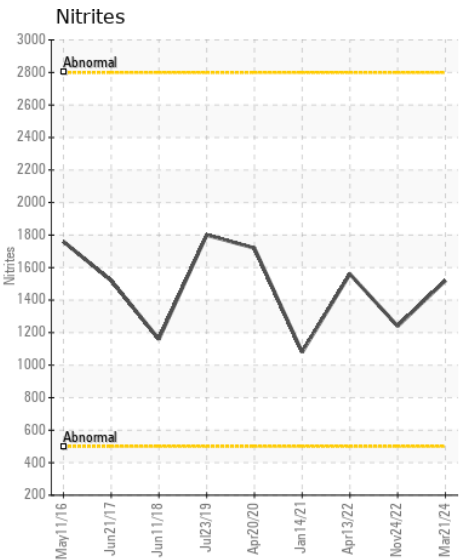
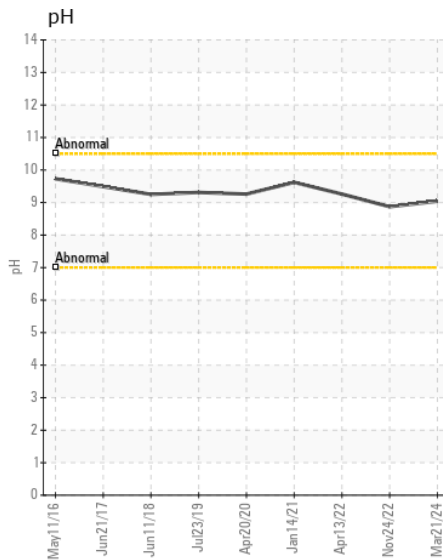
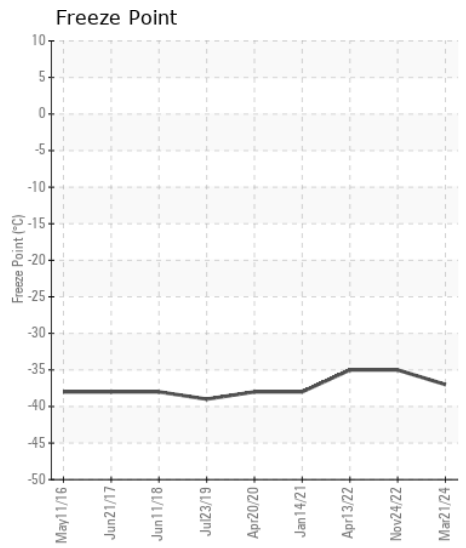
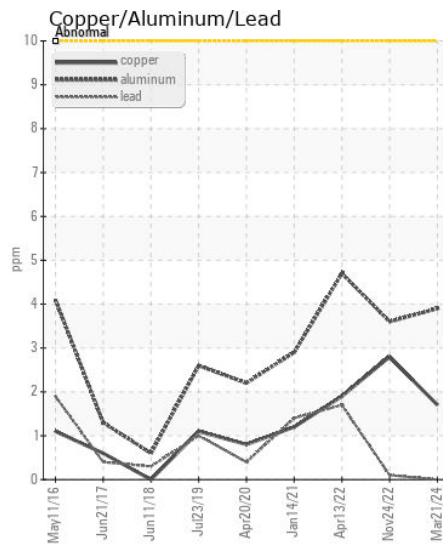
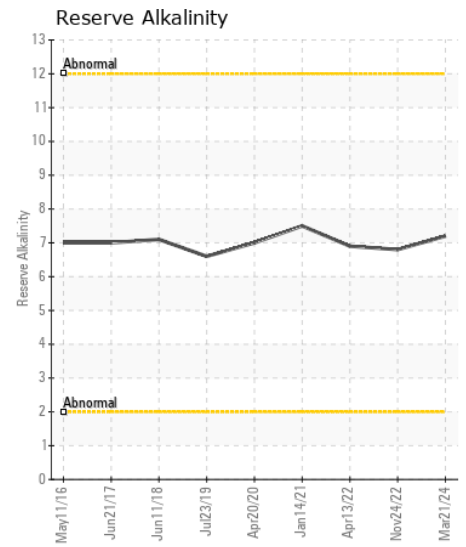
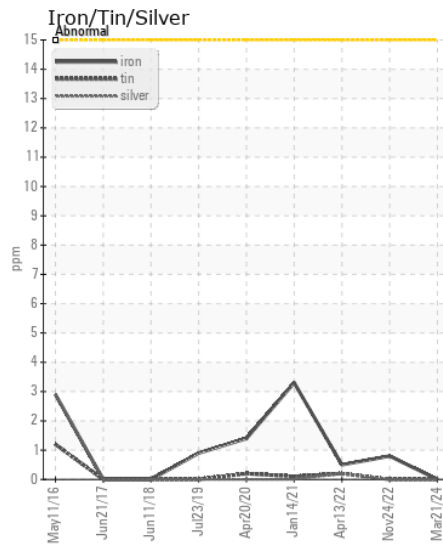
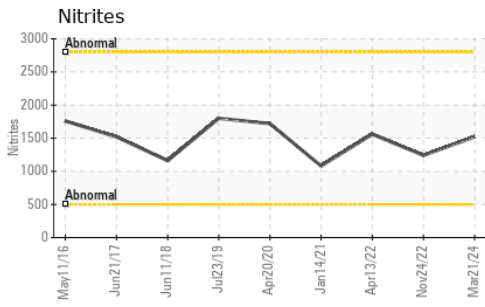
There is no indication of any contamination in the coolant.

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

COOLANT CONDITION

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

Boiling Point	°C	WC Method*		107	---	---
Specific Gravity		ASTM D1298*	1.07	1.068	1.068	1.068
pH	Scale 0-14	ASTM D1287*	10.5	9.04	8.87	9.26
Nitrites	ppm	Alcan Test Kit*		1520	1240	1560
Reserve Alkalinity	Scale 0-20	ASTM D1121*	5.0	7.2	6.8	6.9
Percentage Glycol	%	ASTM D3321*		50.9	50.9	50.8
Freezing Point	°C	ASTM D3321*	-37	-37	-35	-35
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		58	61	64
Phosphorus	ppm	ASTM D5185(m)		811	787	824
Boron	ppm	ASTM D5185(m)		262	295	302
Molybdenum	ppm	ASTM D5185(m)		435	490	505
Sodium	ppm	ASTM D5185(m)		1455	1322	1148
Potassium	ppm	ASTM D5185(m)		4930	3017	2277
Coolant Color		Visual*	Blue	Blue	Blue	Green



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : CU0022713 **Received** : 29 Apr 2024
Lab Number : 02632117 **Tested** : 30 Apr 2024
Unique Number : 5773270 **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.