



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
ESTRUXTURE [154141]
 Machine Id
25400031 GEN 4
 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		CU0023316	CU0020082	CU0019258
Sample Date		Client Info		08 Mar 2024	22 Nov 2022	11 Apr 2022
Machine Age	hrs	Client Info		188	179	173
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	N/A
Sample Status				NORMAL	ABNORMAL	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	3	4	5
Copper	ppm	ASTM D5185(m)	>10	1	3	2
Lead	ppm	ASTM D5185(m)	>10	0	0	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

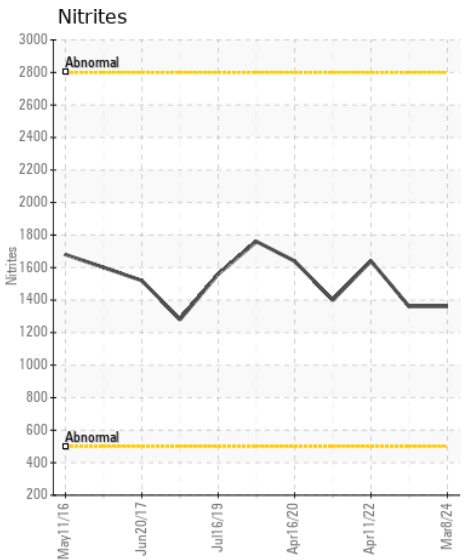
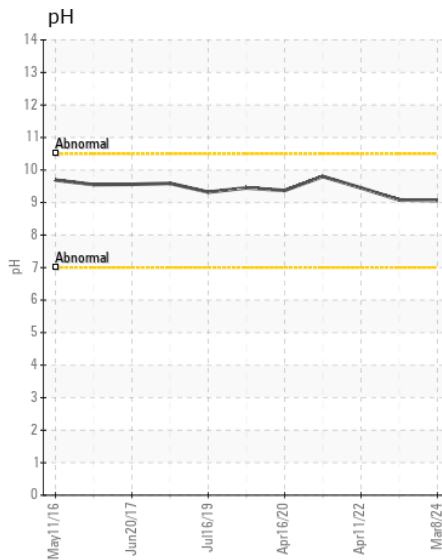
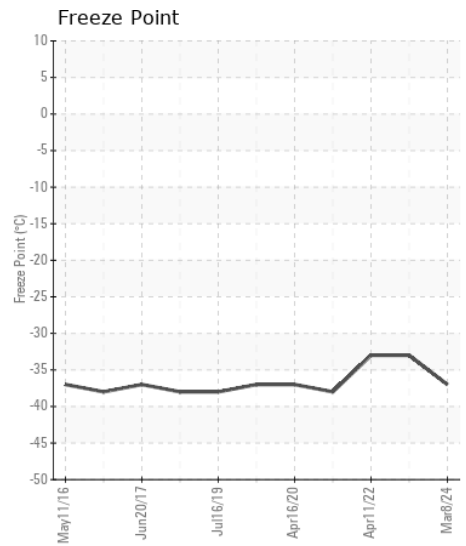
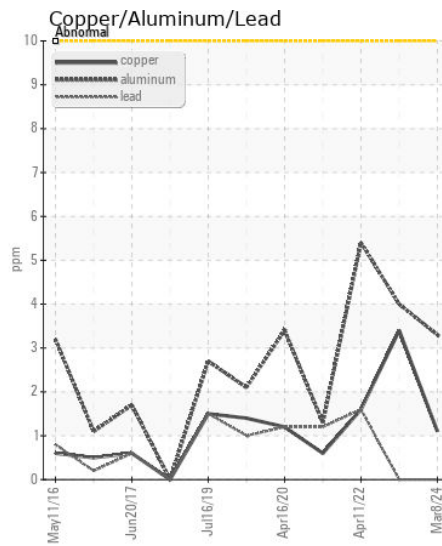
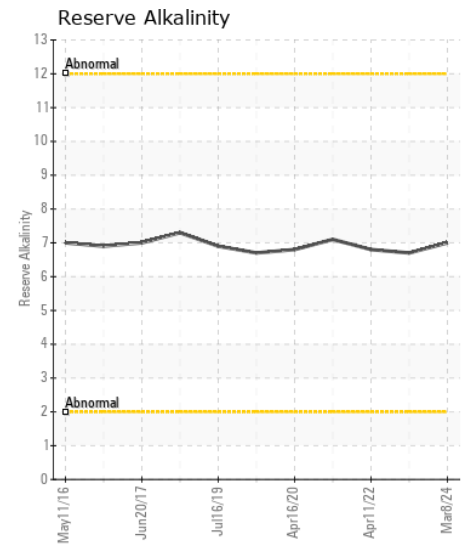
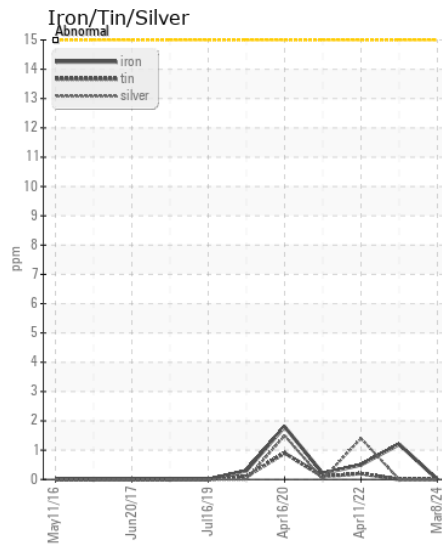
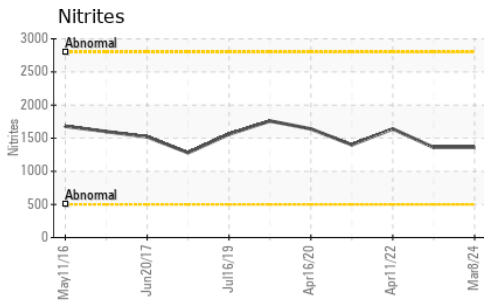
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	1	2	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	▲ Very old	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*		107	---	---
Specific Gravity		ASTM D1298*	1.07	1.068	1.067	1.067
pH	Scale 0-14	ASTM D1287*	10.5	9.06	9.08	9.45
Nitrites	ppm	Alcan Test Kit*		1360	1360	1640
Reserve Alkalinity	Scale 0-20	ASTM D1121*	5.0	7.0	6.7	6.8
Percentage Glycol	%	ASTM D3321*		50.2	49.5	49.9
Freezing Point	°C	ASTM D3321*	-37	-37	-33	-33
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		49	58	70
Phosphorus	ppm	ASTM D5185(m)		741	746	865
Boron	ppm	ASTM D5185(m)		245	294	309
Molybdenum	ppm	ASTM D5185(m)		416	486	532
Sodium	ppm	ASTM D5185(m)		1309	1280	1090
Potassium	ppm	ASTM D5185(m)		4430	2939	2275
Coolant Color		Visual*	Blue	Blue	Green	Green



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : CU0023316
Lab Number : 02632111
Unique Number : 5773264
Test Package : COOL (Additional Tests: GlycolType)
Received : 29 Apr 2024
Tested : 30 Apr 2024
Diagnosed : 01 May 2024 - Kevin Marson

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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.