



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
WELLINGTON BUILDING [163565]
 Machine Id
7A42773
 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		CU0021113	CU0017935	---
Sample Date		Client Info		11 May 2024	28 May 2021	---
Machine Age	hrs	Client Info		142	100	---
Oil Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Not Changd	---
Sample Status				NORMAL	ABNORMAL	---

CORROSION

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

Iron	ppm	ASTM D5185(m)	>15	0	10	---
Aluminum	ppm	ASTM D5185(m)	>10	0	<1	---
Copper	ppm	ASTM D5185(m)	>10	<1	1	---
Lead	ppm	ASTM D5185(m)	>10	0	▲ 16	---
Tin	ppm	ASTM D5185(m)	>10	0	1	---
Silver	ppm	ASTM D5185(m)	>10	0	<1	---
Zinc	ppm	ASTM D5185(m)	>10	<1	3	---

CONTAMINANTS

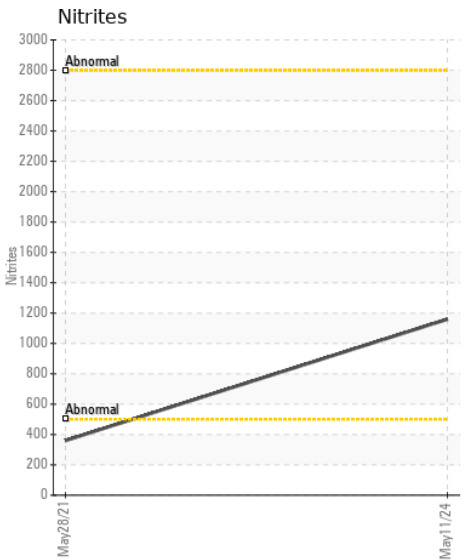
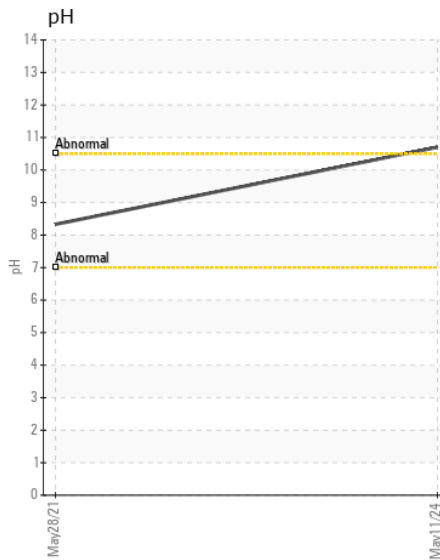
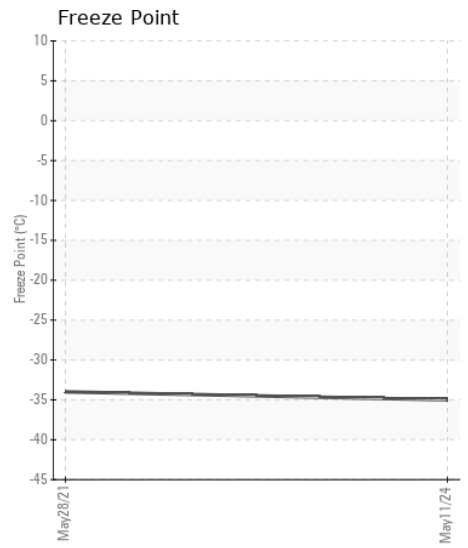
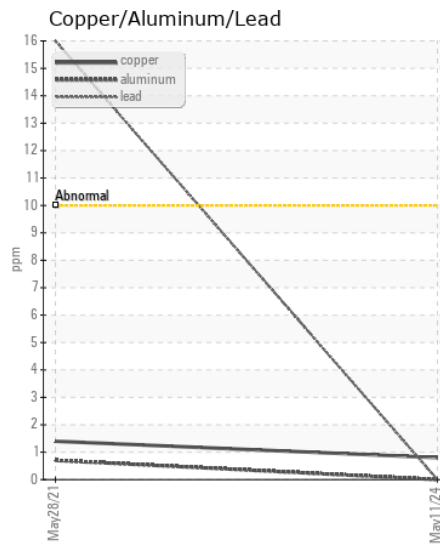
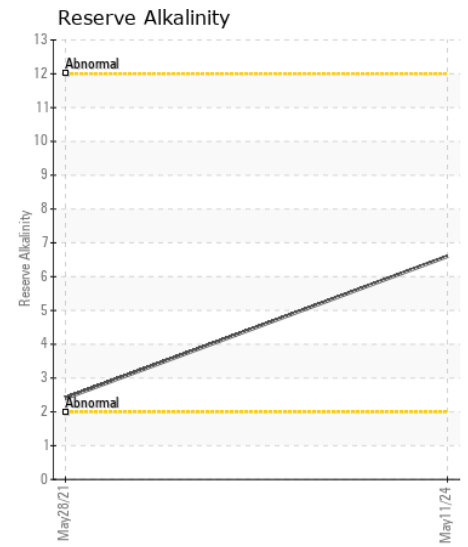
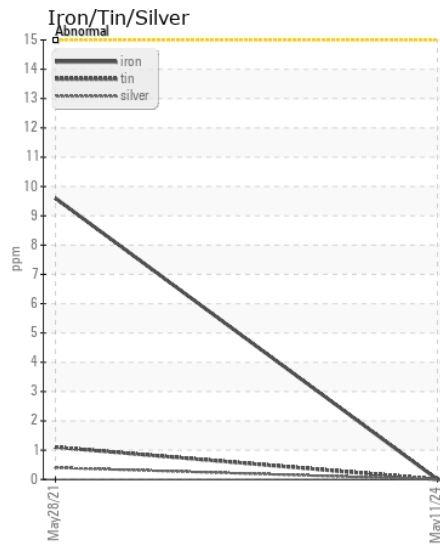
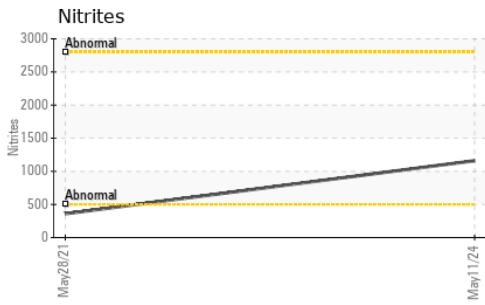
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<1	8	---
Magnesium	ppm	ASTM D5185(m)	>40	<1	2	---
Appearance	scalar	Visual*	NORML	NORML	NORML	---
Odor	scalar	Visual*	NORML	NORML	NORML	---
Coolant Appearance		Visual*	Clear	Clear	Cloudy	---

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	1.065	1.065	---
pH	Scale 0-14	ASTM D1287*	10.5	10.7	8.33	---
Nitrites	ppm	Alcan Test Kit*		1160	360	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*	5.0	6.6	2.4	---
Percentage Glycol	%	ASTM D3321*		48.0	48.0	---
Freezing Point	°C	ASTM D3321*	-37	-35	-34	---
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		63	83	---
Phosphorus	ppm	ASTM D5185(m)		534	75	---
Boron	ppm	ASTM D5185(m)		219	58	---
Molybdenum	ppm	ASTM D5185(m)		375	2	---
Sodium	ppm	ASTM D5185(m)		777	1262	---
Potassium	ppm	ASTM D5185(m)		2952	1688	---
Coolant Color		Visual*	Blue	Blue	Orange	---



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : CU0021113 **Received** : 17 May 2024
Lab Number : 02636443 **Tested** : 17 May 2024
Unique Number : 5785605 **Diagnosed** : 21 May 2024 - Kevin Marson
Test Package : COOL (Additional Tests: GlycolType)

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 OTTAWA, ON
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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.