



CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
MICHAUDVILLE

Machine Id
1170

Component
Coolant

Fluid
EXTENDED LIFE COOLANT (--- 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		PC0082912	PC0054218	PC0012225
Sample Date		Client Info		11 Jun 2024	02 Sep 2021	29 Apr 2019
Machine Age	hrs	Client Info		11708	11431	2587
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	Not Chngd
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	0
Aluminum	ppm	ASTM D5185(m)	>10	1	4	2
Copper	ppm	ASTM D5185(m)	>10	<1	<1	<1
Lead	ppm	ASTM D5185(m)	>10	0	<1	<1
Tin	ppm	ASTM D5185(m)	>10	0	0	0
Silver	ppm	ASTM D5185(m)	>10	0	<1	0
Zinc	ppm	ASTM D5185(m)	>10	2	2	<1

CONTAMINANTS

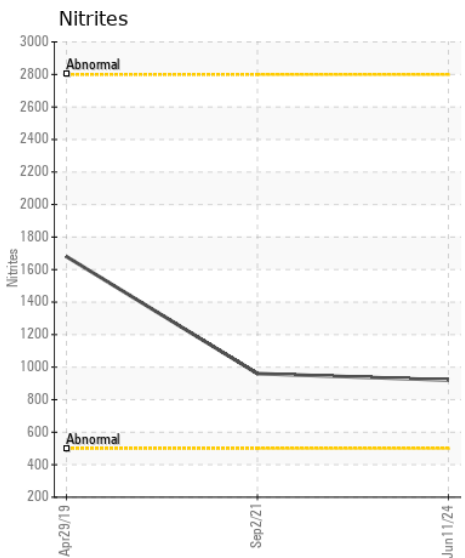
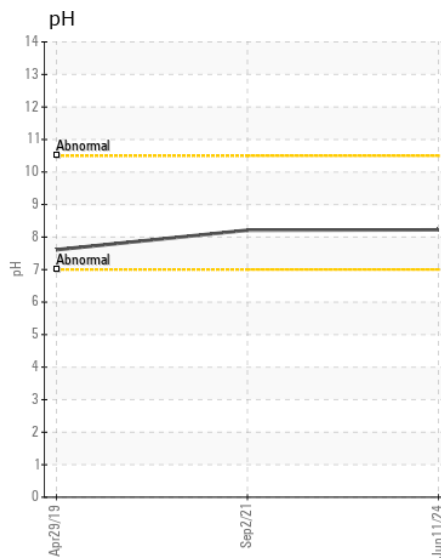
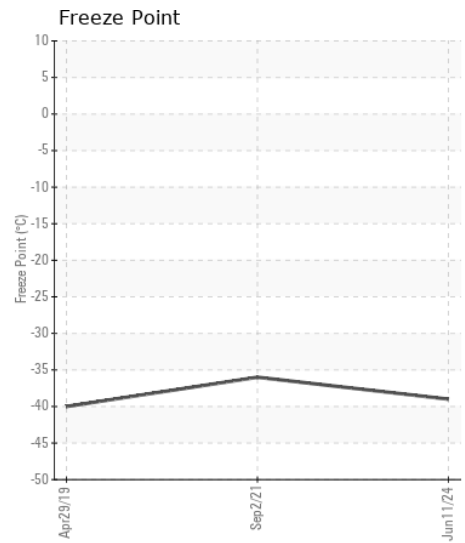
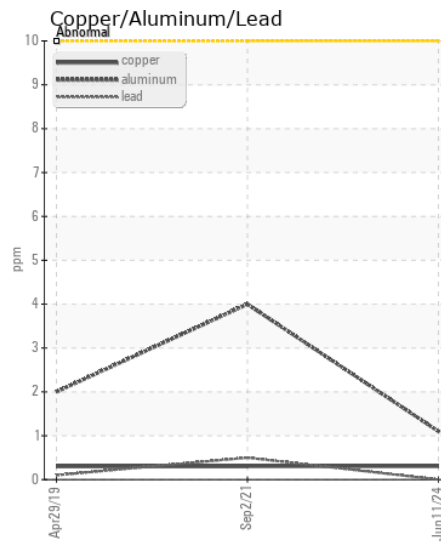
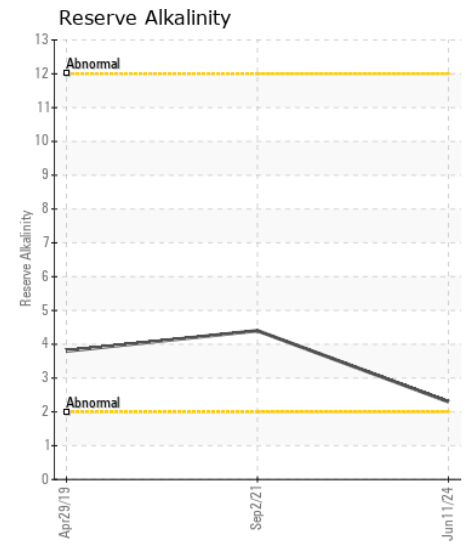
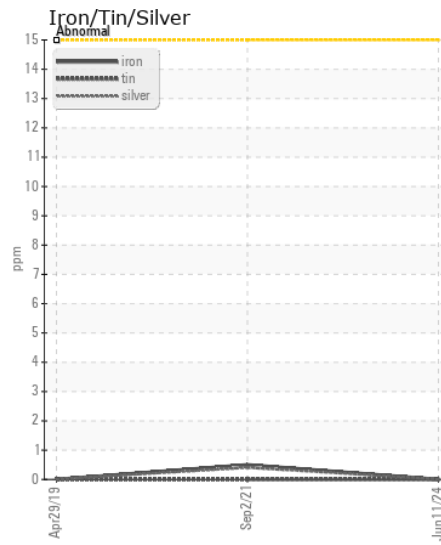
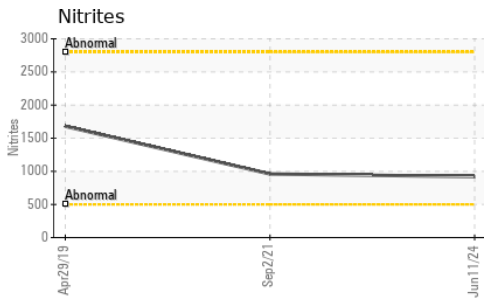
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	22	7	3
Magnesium	ppm	ASTM D5185(m)	>40	2	2	2
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Coolant Appearance		Visual*	Clear	Cloudy	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*		108	---	---
Specific Gravity		ASTM D1298*		1.069	1.067	1.070
pH	Scale 0-14	ASTM D1287*	9.0	8.22	8.21	7.61
Nitrites	ppm	Alcan Test Kit*		920	960	1680
Reserve Alkalinity	Scale 0-20	ASTM D1121*		2.3	4.4	3.8
Percentage Glycol	%	ASTM D3321*	50	51.9	50.0	52.0
Freezing Point	°C	ASTM D3321*	-40	-39	-36	-40
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		25	11	54
Phosphorus	ppm	ASTM D5185(m)		7	2	18
Boron	ppm	ASTM D5185(m)		68	14	445
Molybdenum	ppm	ASTM D5185(m)		379	503	255
Sodium	ppm	ASTM D5185(m)		5630	2047	3354
Potassium	ppm	ASTM D5185(m)		1055	1046	62
Coolant Color		Visual*	Orange/R	Orange	Red	Orange



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0082912
Lab Number : 02641545
Unique Number : 5799084
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.

T:
F: