



CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
MICHAUDVILLE

Machine Id

5510

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		PC0088535	PC0071584	PC0057189
Sample Date		Client Info		03 Apr 2024	17 Oct 2023	17 Nov 2022
Machine Age	hrs	Client Info		7056	6690	0
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	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	<1	0	2
Aluminum	ppm	ASTM D5185(m)	>10	4	3	3
Copper	ppm	ASTM D5185(m)	>10	<1	0	2
Lead	ppm	ASTM D5185(m)	>10	0	0	0
Tin	ppm	ASTM D5185(m)	>10	0	0	0
Silver	ppm	ASTM D5185(m)	>10	<1	<1	<1
Zinc	ppm	ASTM D5185(m)	>10	2	0	3

CONTAMINANTS

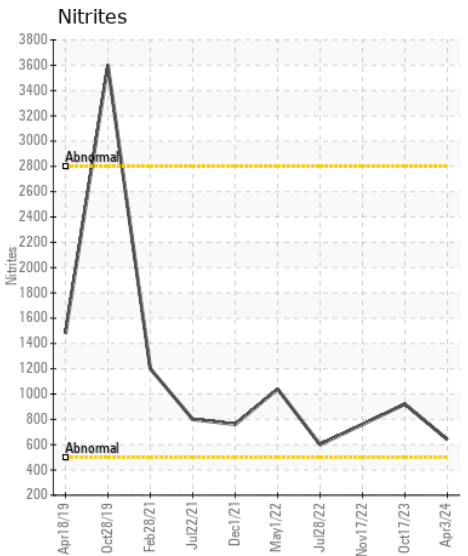
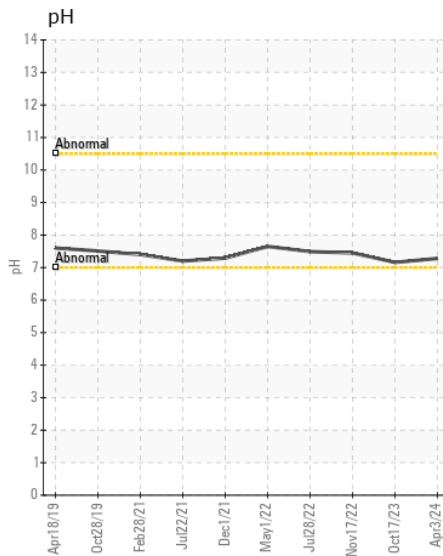
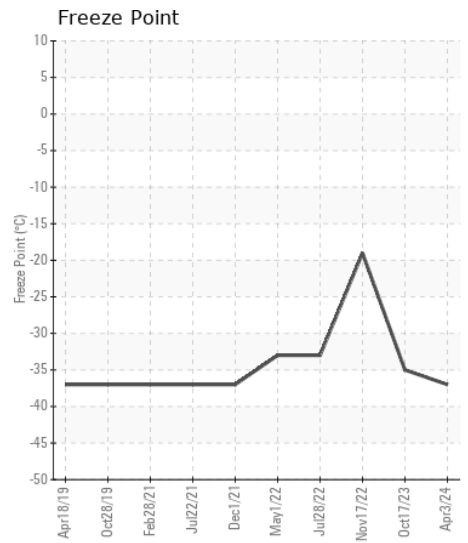
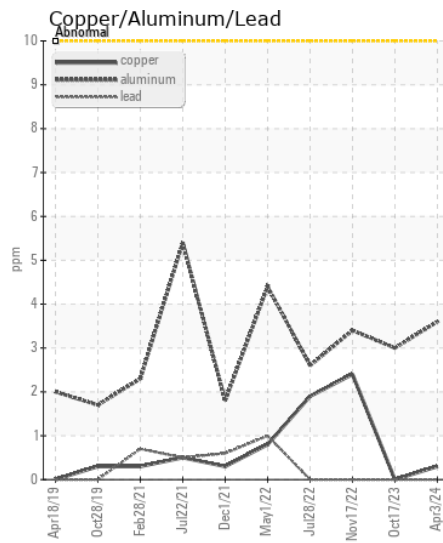
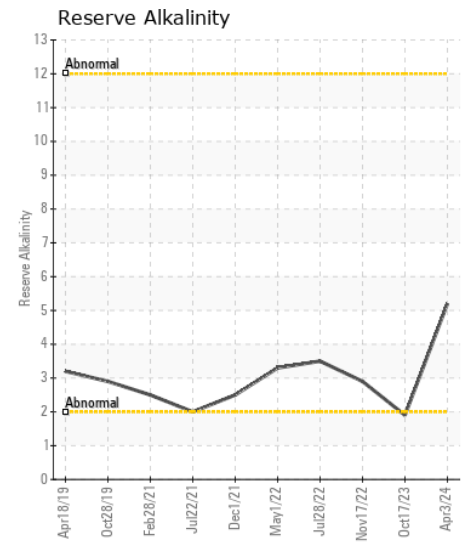
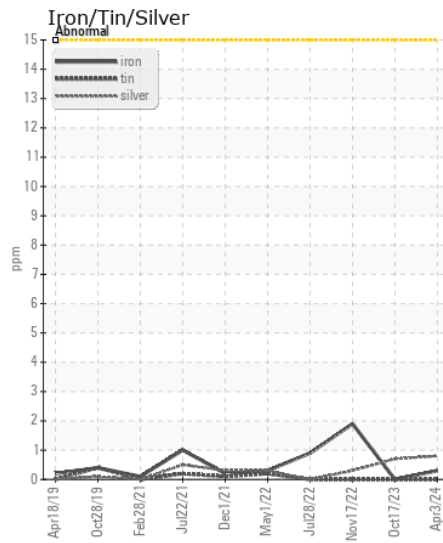
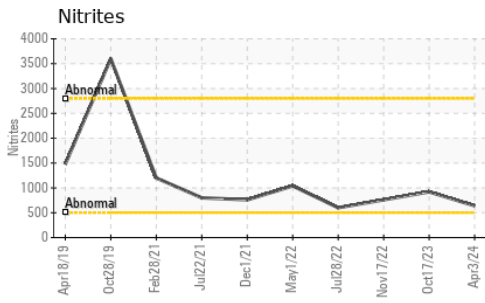
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	7	4	10
Magnesium	ppm	ASTM D5185(m)	>40	2	1	3
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. The reserve alkalinity of this fluid is acceptable.

Boiling Point	°C	WC Method*		107	---	---
Specific Gravity		ASTM D1298*		1.068	1.067	1.059
pH	Scale 0-14	ASTM D1287*	9.0	7.28	7.16	7.45
Nitrites	ppm	Alcan Test Kit*		640	920	760
Reserve Alkalinity	Scale 0-20	ASTM D1121*		5.2	1.9	2.9
Percentage Glycol	%	ASTM D3321*	50	50.3	50.0	43.6
Freezing Point	°C	ASTM D3321*	-40	-37	-35	-19
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		12	17	11
Phosphorus	ppm	ASTM D5185(m)		71	7	18
Boron	ppm	ASTM D5185(m)		155	145	192
Molybdenum	ppm	ASTM D5185(m)		286	295	255
Sodium	ppm	ASTM D5185(m)		5182	6038	2617
Potassium	ppm	ASTM D5185(m)		1034	1247	1039
Coolant Color		Visual*	Orange/R	Red	Red	Orange



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0088535
Lab Number : 02626801
Unique Number : 5759933
Test Package : COOL (Additional Tests: GlycolType)
Received : 04 Apr 2024
Tested : 05 Apr 2024
Diagnosed : 08 Apr 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.

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F: