



CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
MICHAUDVILLE

Machine Id

5037

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		PC00083283	PC	PC0071001
Sample Date		Client Info		01 May 2024	19 Dec 2023	16 Jul 2023
Machine Age	hrs	Client Info		11876	11759	10915
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	N/A
Sample Status				NORMAL	NORMAL	ABNORMAL

CORROSION

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

Iron	ppm	ASTM D5185(m)	>15	1	1	10
Aluminum	ppm	ASTM D5185(m)	>10	2	4	2
Copper	ppm	ASTM D5185(m)	>10	<1	0	4
Lead	ppm	ASTM D5185(m)	>10	0	0	6
Tin	ppm	ASTM D5185(m)	>10	0	0	2
Silver	ppm	ASTM D5185(m)	>10	<1	<1	<1
Zinc	ppm	ASTM D5185(m)	>10	1	0	<1

CONTAMINANTS

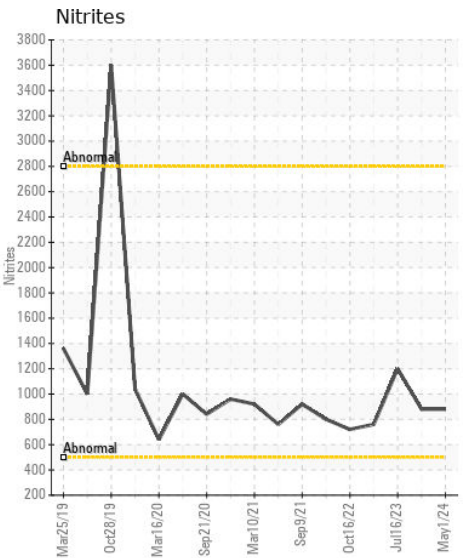
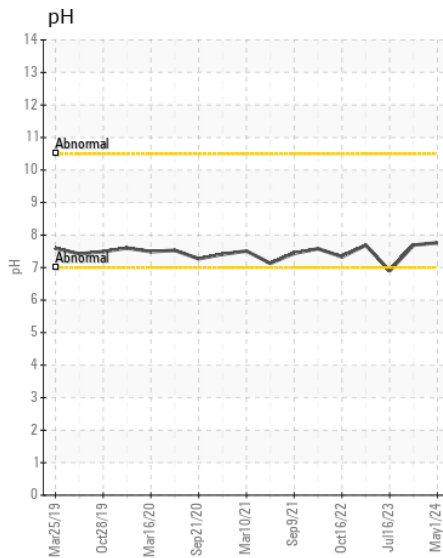
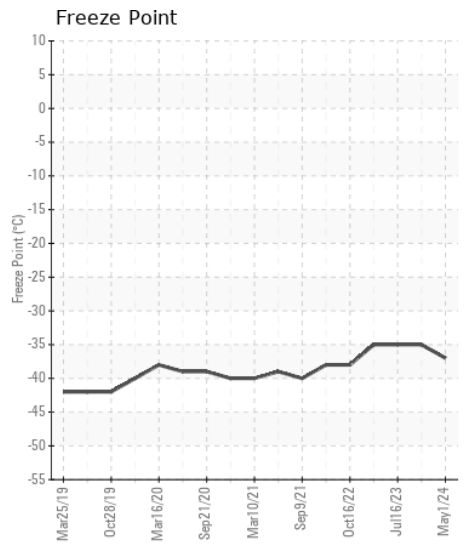
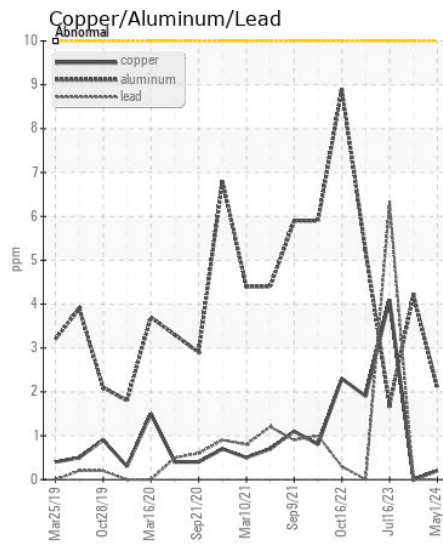
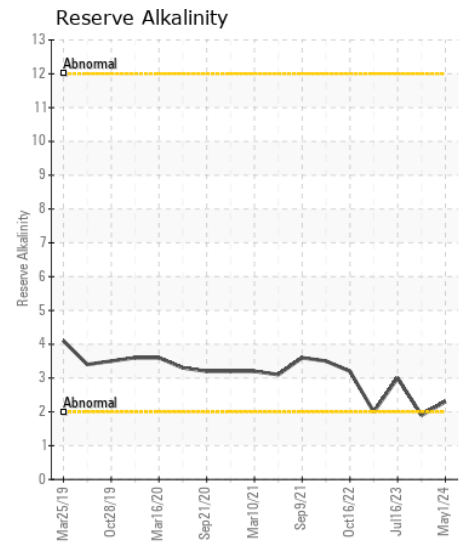
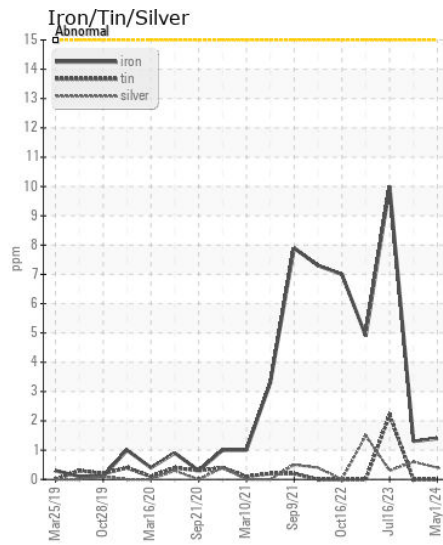
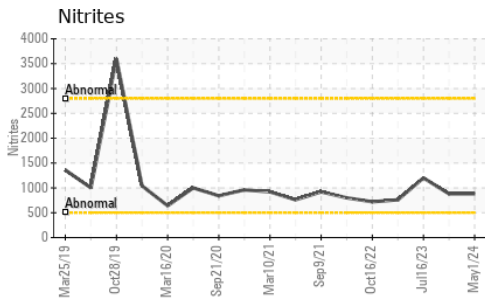
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	8	17	15
Magnesium	ppm	ASTM D5185(m)	>40	3	4	6
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	1.068	1.068
pH	Scale 0-14	ASTM D1287*	9.0	7.76	7.69	▲ 6.90
Nitrites	ppm	Alcan Test Kit*		880	880	1200
Reserve Alkalinity	Scale 0-20	ASTM D1121*		2.3	1.9	3.0
Percentage Glycol	%	ASTM D3321*	50	50.5	50.5	50.6
Freezing Point	°C	ASTM D3321*	-40	-37	-35	-35
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		5	14	11
Phosphorus	ppm	ASTM D5185(m)		7	7	9
Boron	ppm	ASTM D5185(m)		24	17	66
Molybdenum	ppm	ASTM D5185(m)		344	374	443
Sodium	ppm	ASTM D5185(m)		6610	8919	3963
Potassium	ppm	ASTM D5185(m)		64	63	133
Coolant Color		Visual*	Orange/R	Red	Pink	Red



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC00083283
Lab Number : 02632947
Unique Number : 5774100
Test Package : COOL (Additional Tests: GlycolType)

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 MONT ST-HILAIRE, QC
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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: