



CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
MICHAUDVILLE

Machine Id
1220

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		PC0085228	PC0078438	PC0077384
Sample Date		Client Info		21 Apr 2024	10 Dec 2023	13 Sep 2023
Machine Age	hrs	Client Info		10883	10384	9863
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	0	0	0
Aluminum	ppm	ASTM D5185(m)	>10	1	<1	1
Copper	ppm	ASTM D5185(m)	>10	<1	0	0
Lead	ppm	ASTM D5185(m)	>10	0	0	0
Tin	ppm	ASTM D5185(m)	>10	0	0	0
Silver	ppm	ASTM D5185(m)	>10	0	<1	<1
Zinc	ppm	ASTM D5185(m)	>10	1	0	0

CONTAMINANTS

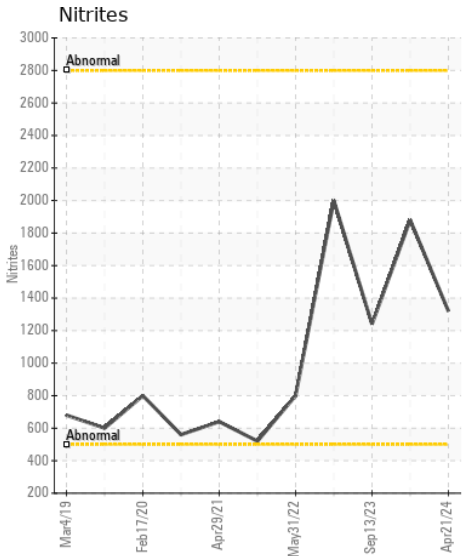
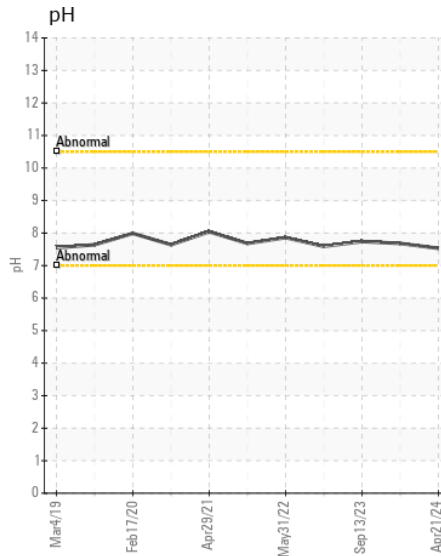
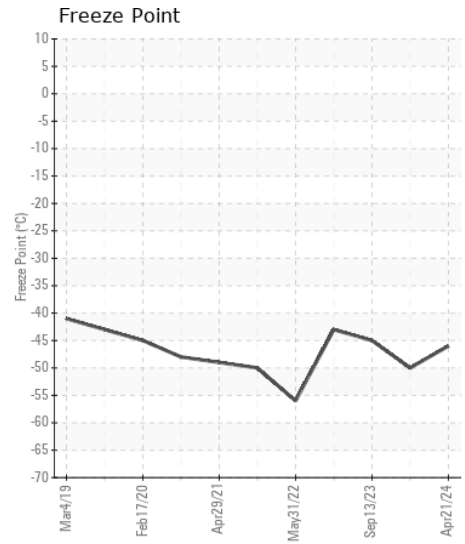
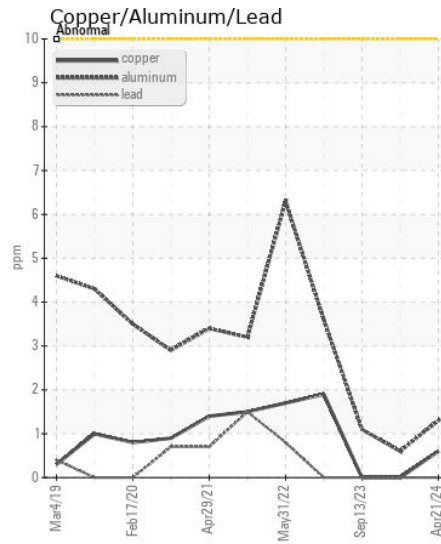
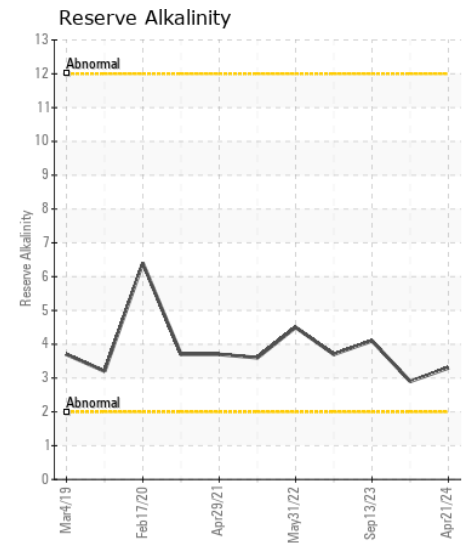
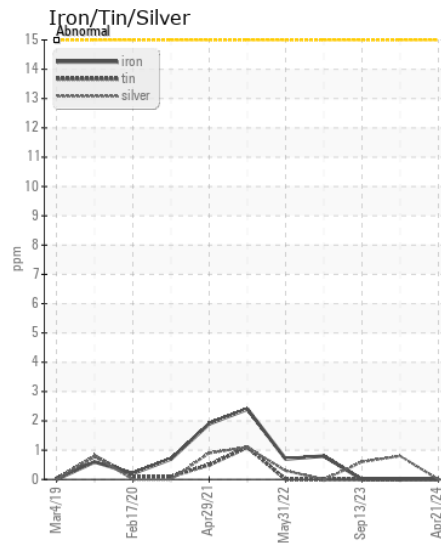
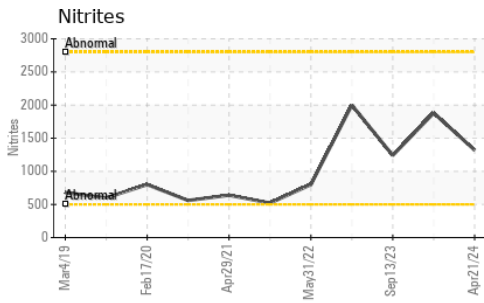
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	11	9	10
Magnesium	ppm	ASTM D5185(m)	>40	2	1	2
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Coolant Appearance		Visual*	Clear	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*		109	---	---
Specific Gravity		ASTM D1298*		1.076	1.076	1.073
pH	Scale 0-14	ASTM D1287*	9.0	7.53	7.68	7.74
Nitrites	ppm	Alcan Test Kit*		1320	1880	1240
Reserve Alkalinity	Scale 0-20	ASTM D1121*		3.3	2.9	4.1
Percentage Glycol	%	ASTM D3321*	50	56.7	56.4	54.6
Freezing Point	°C	ASTM D3321*	-40	-46	-50	-45
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		66	58	83
Phosphorus	ppm	ASTM D5185(m)		32	7	6
Boron	ppm	ASTM D5185(m)		321	278	340
Molybdenum	ppm	ASTM D5185(m)		230	210	224
Sodium	ppm	ASTM D5185(m)		7125	8495	8488
Potassium	ppm	ASTM D5185(m)		212	156	246
Coolant Color		Visual*	Orange/R	Pink	Red	Pink



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0085228 **Received** : 22 Apr 2024
Lab Number : 02630803 **Tested** : 22 Apr 2024
Unique Number : 5763935 **Diagnosed** : 23 Apr 2024 - Kevin Marson
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: