



CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
MICHAUDVILLE

Machine Id
1203

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		PC0082954	PC0077434	PC0056589
Sample Date		Client Info		04 Jun 2024	14 Aug 2023	14 Dec 2022
Machine Age	hrs	Client Info		12480	11642	253678
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	2	1
Aluminum	ppm	ASTM D5185(m)	>10	<1	0	6
Copper	ppm	ASTM D5185(m)	>10	1	3	3
Lead	ppm	ASTM D5185(m)	>10	0	6	0
Tin	ppm	ASTM D5185(m)	>10	0	2	0
Silver	ppm	ASTM D5185(m)	>10	<1	0	0
Zinc	ppm	ASTM D5185(m)	>10	2	0	2

CONTAMINANTS

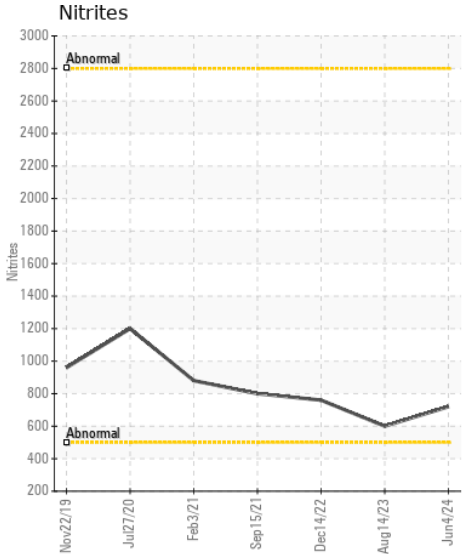
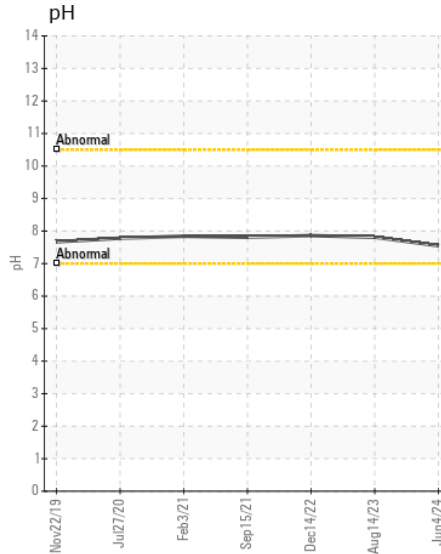
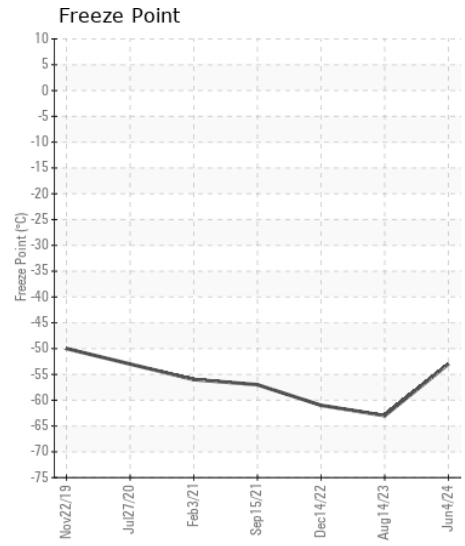
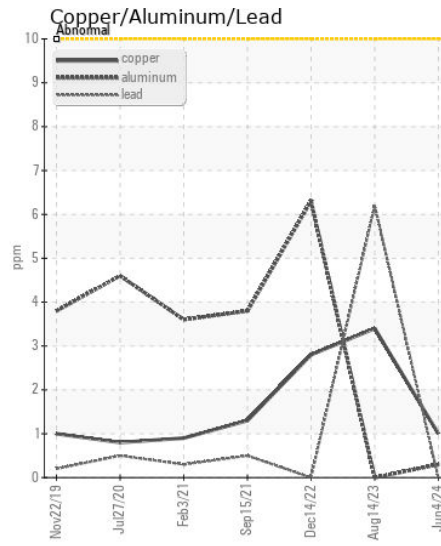
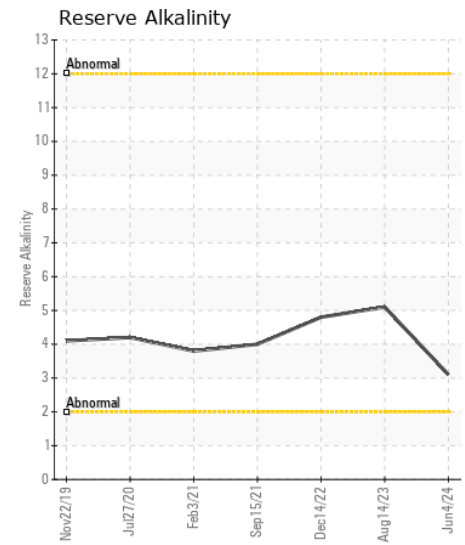
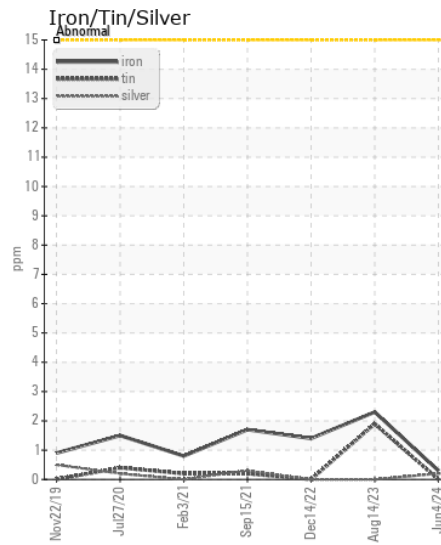
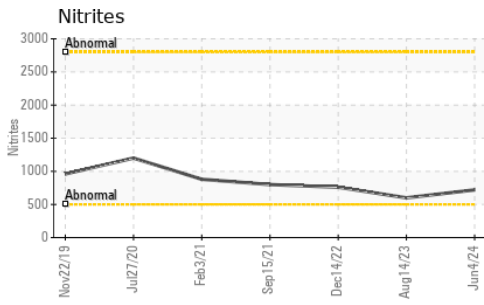
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	11	13	22
Magnesium	ppm	ASTM D5185(m)	>40	2	<1	4
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*		112	---	---
Specific Gravity		ASTM D1298*		1.085	1.084	1.082
pH	Scale 0-14	ASTM D1287*	9.0	7.55	7.81	7.86
Nitrites	ppm	Alcan Test Kit*		720	600	760
Reserve Alkalinity	Scale 0-20	ASTM D1121*		3.1	5.1	4.8
Percentage Glycol	%	ASTM D3321*	50	65.0	64.5	62.9
Freezing Point	°C	ASTM D3321*	-40	-53	-63	-61
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		96	118	123
Phosphorus	ppm	ASTM D5185(m)		16	26	8
Boron	ppm	ASTM D5185(m)		89	99	106
Molybdenum	ppm	ASTM D5185(m)		601	609	750
Sodium	ppm	ASTM D5185(m)		6539	3427	3658
Potassium	ppm	ASTM D5185(m)		2785	1831	2474
Coolant Color		Visual*	Orange/R	Red	Orange	Orange



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0082954
Lab Number : 02640014
Unique Number : 5789176
Test Package : COOL (Additional Tests: GlycolType)
Received : 05 Jun 2024
Tested : 05 Jun 2024
Diagnosed : 06 Jun 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: