

Area
MICHAUDVILLE
Machine Id
1223
Component
Coolant
Fluid
EXTENDED LIFE COOLANT (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		PC0085076	PC0084394	PC0072957
Sample Date		Client Info		26 Jun 2024	11 Mar 2024	24 Jul 2023
Machine Age	hrs	Client Info		10402	9879	8832
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	3
Aluminum	ppm	ASTM D5185(m)	>10	<1	5	0
Copper	ppm	ASTM D5185(m)	>10	0	<1	4
Lead	ppm	ASTM D5185(m)	>10	0	0	7
Tin	ppm	ASTM D5185(m)	>10	0	0	2
Silver	ppm	ASTM D5185(m)	>10	0	<1	0
Zinc	ppm	ASTM D5185(m)	>10	2	2	1

CONTAMINANTS

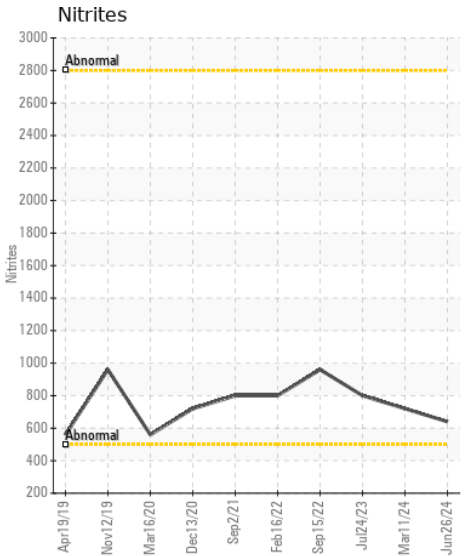
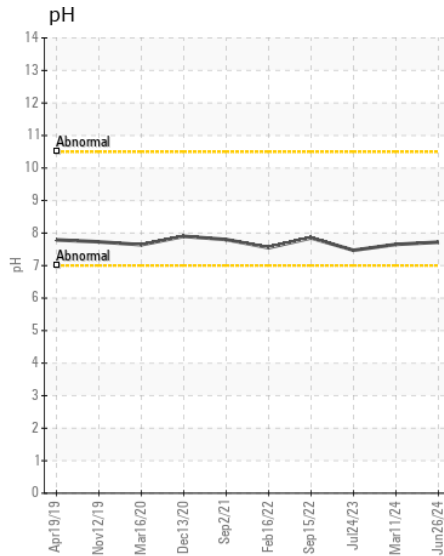
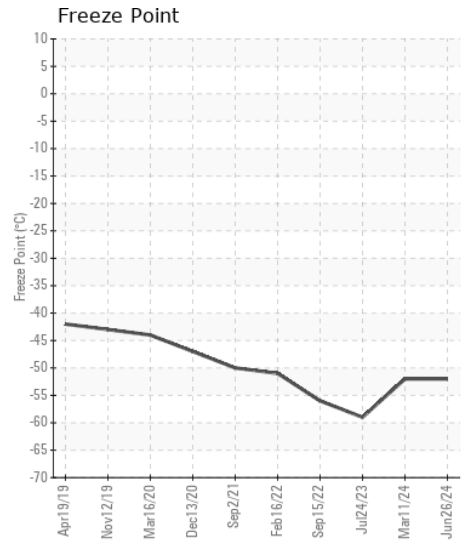
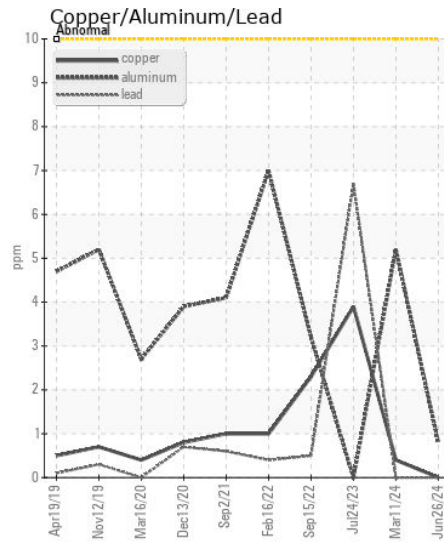
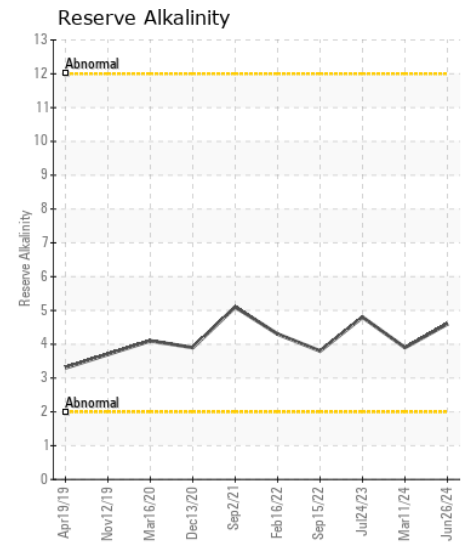
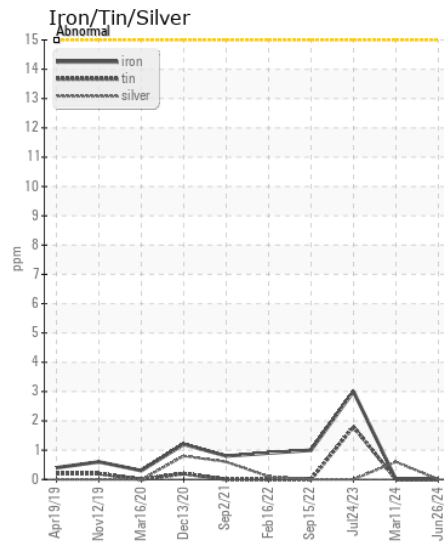
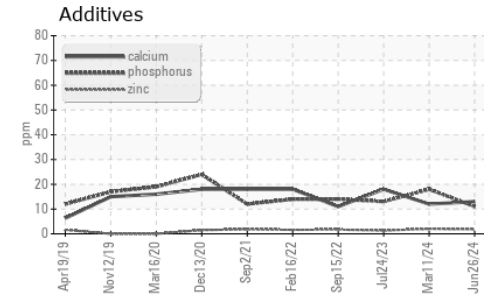
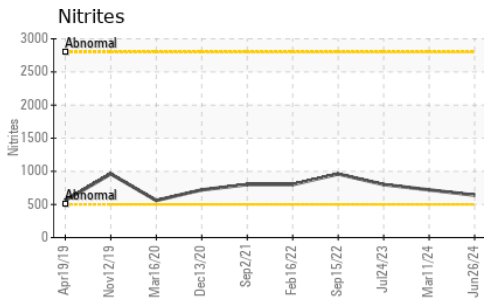
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)		13	12	18
Magnesium	ppm	ASTM D5185(m)		3	2	3
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*		111	111	---
Specific Gravity		ASTM D1298*		1.083	1.082	1.081
pH	Scale 0-14	ASTM D1287*	9.0	7.72	7.65	7.47
Nitrites	ppm	Alcan Test Kit*		640	720	800
Reserve Alkalinity	Scale 0-20	ASTM D1121*		4.6	3.9	4.8
Percentage Glycol	%	ASTM D3321*	50	63.1	62.6	61.8
Freezing Point	°C	ASTM D3321*	-40	-52	-52	-59
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		136	127	146
Phosphorus	ppm	ASTM D5185(m)		11	18	13
Boron	ppm	ASTM D5185(m)		149	160	198
Molybdenum	ppm	ASTM D5185(m)		510	491	565
Sodium	ppm	ASTM D5185(m)		7826	11663	4525
Potassium	ppm	ASTM D5185(m)		304	314	504
Coolant Color		Visual*	Orange/R	Red	Orange	Orange



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0085076
Lab Number : 02644439
Unique Number : 5801978
Test Package : MOB 1 (Additional Tests: BoilingPoint, 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.

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F: