



CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
MICHAUDVILLE

Machine Id

1508

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		PC0084196	PC0084353	PC0075801
Sample Date		Client Info		20 Jun 2024	28 Feb 2024	07 Jun 2023
Machine Age	hrs	Client Info		10302	9958	8848
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	2	0	1
Aluminum	ppm	ASTM D5185(m)	>10	2	3	6
Copper	ppm	ASTM D5185(m)	>10	<1	<1	3
Lead	ppm	ASTM D5185(m)	>10	<1	0	0
Tin	ppm	ASTM D5185(m)	>10	0	0	0
Silver	ppm	ASTM D5185(m)	>10	<1	1	0
Zinc	ppm	ASTM D5185(m)	>10	4	3	<1

CONTAMINANTS

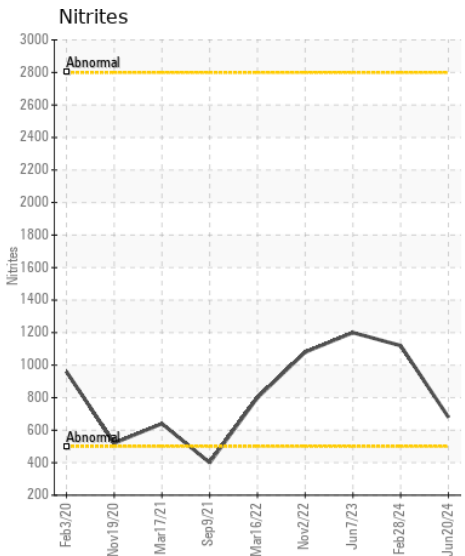
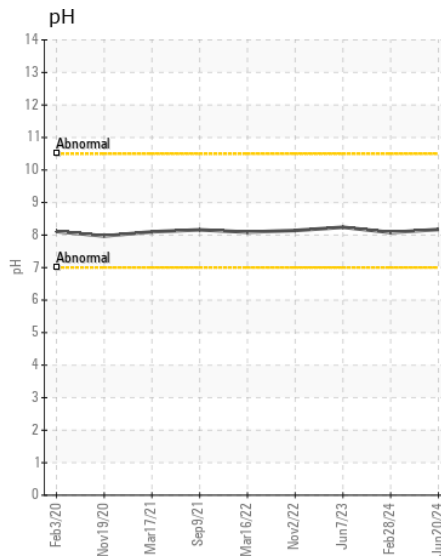
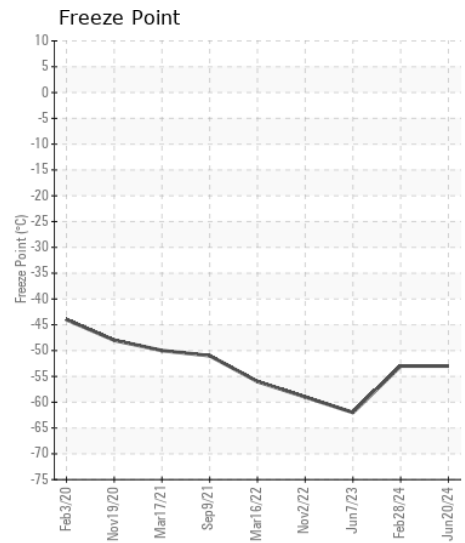
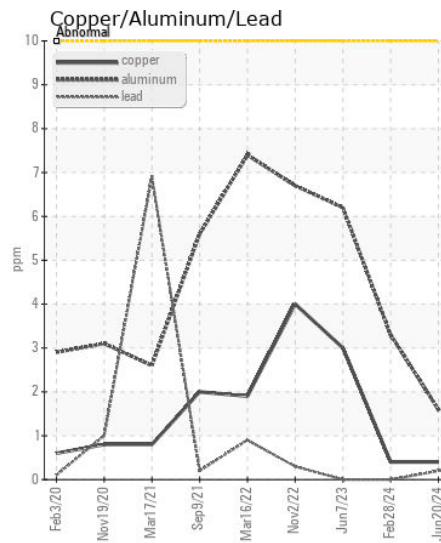
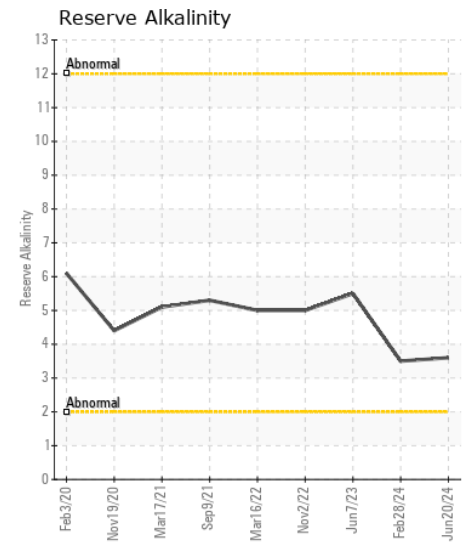
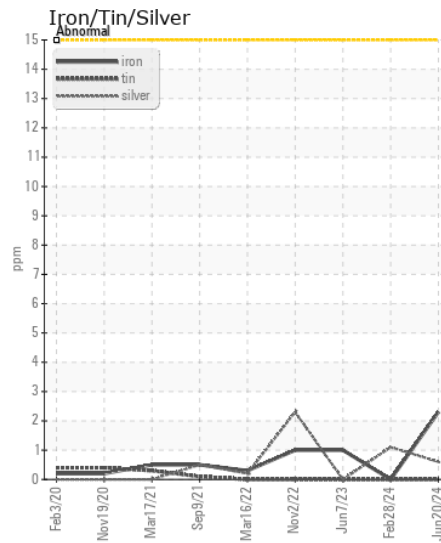
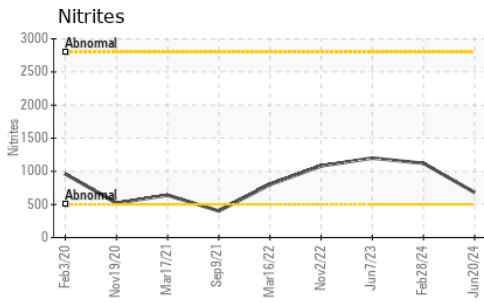
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	15	18	7
Magnesium	ppm	ASTM D5185(m)	>40	3	2	3
Appearance	scalar	Visual*	NORML	NORML	NORML	NORML
Odor	scalar	Visual*	NORML	NORML	NORML	NORML
Coolant Appearance		Visual*	Clear	Cloudy	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	112	---
Specific Gravity		ASTM D1298*		1.085	1.084	1.083
pH	Scale 0-14	ASTM D1287*	9.0	8.17	8.08	8.24
Nitrites	ppm	Alcan Test Kit*		680	1120	1200
Reserve Alkalinity	Scale 0-20	ASTM D1121*		3.6	3.5	5.5
Percentage Glycol	%	ASTM D3321*	50	65.0	64.5	63.4
Freezing Point	°C	ASTM D3321*	-40	-53	-53	-62
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		133	114	132
Phosphorus	ppm	ASTM D5185(m)		122	8	14
Boron	ppm	ASTM D5185(m)		67	64	95
Molybdenum	ppm	ASTM D5185(m)		554	535	554
Sodium	ppm	ASTM D5185(m)		7402	11562	3927
Potassium	ppm	ASTM D5185(m)		951	410	471
Coolant Color		Visual*	Orange/R	Red	Red	Red



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0084196 **Received** : 21 Jun 2024
Lab Number : 02643522 **Tested** : 21 Jun 2024
Unique Number : 5801061 **Diagnosed** : 21 Jun 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: