



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
MICHAUDVILLE

Machine Id

1587

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		PC0082958	PC0083895	PC0070899
Sample Date		Client Info		11 Jun 2024	03 Dec 2023	12 Mar 2023
Machine Age	hrs	Client Info		16380	15850	14784
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	<1	1
Aluminum	ppm	ASTM D5185(m)	>10	1	3	5
Copper	ppm	ASTM D5185(m)	>10	4	0	2
Lead	ppm	ASTM D5185(m)	>10	0	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	2	<1	2

CONTAMINANTS

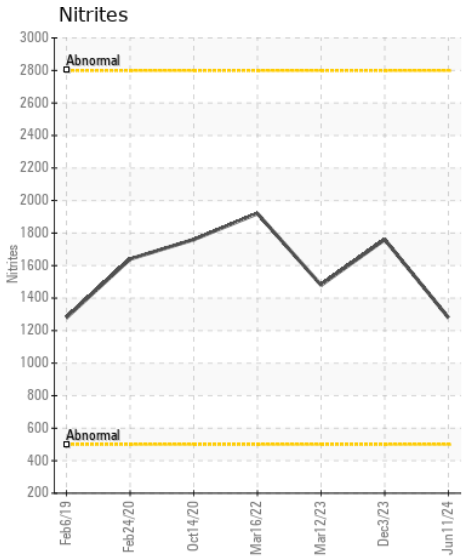
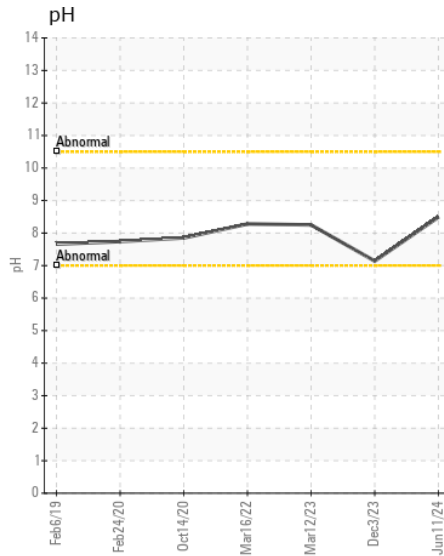
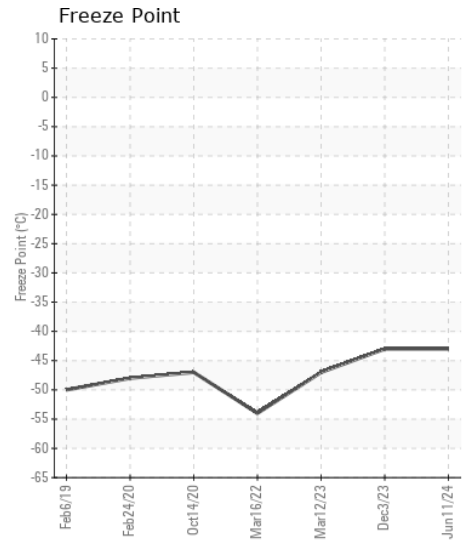
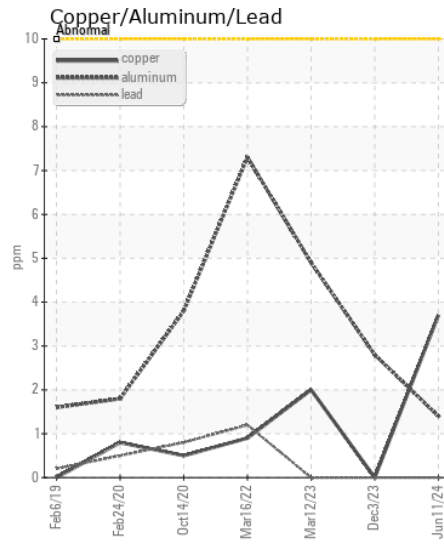
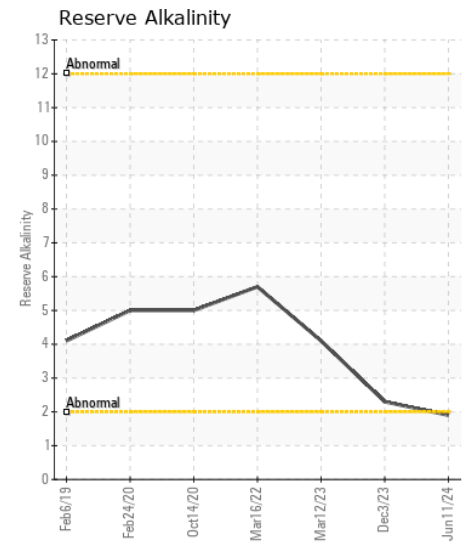
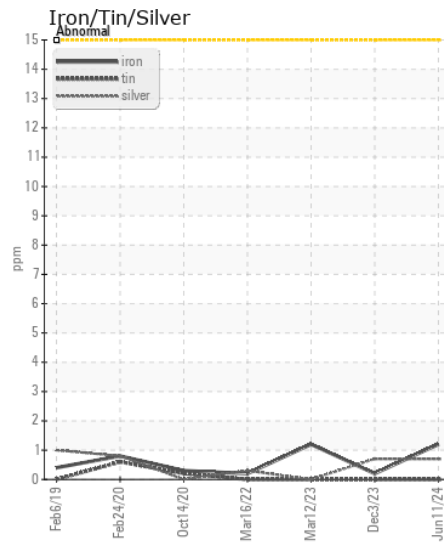
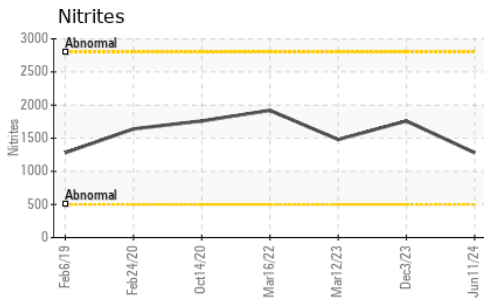
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	4	11	6
Magnesium	ppm	ASTM D5185(m)	>40	1	3	3
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.

Boiling Point	°C	WC Method*		108	---	---
Specific Gravity		ASTM D1298*		1.073	1.071	1.074
pH	Scale 0-14	ASTM D1287*	9.0	8.49	7.14	8.25
Nitrites	ppm	Alcan Test Kit*		1280	1760	1480
Reserve Alkalinity	Scale 0-20	ASTM D1121*		1.9	2.3	4.1
Percentage Glycol	%	ASTM D3321*	50	54.1	53.0	55.3
Freezing Point	°C	ASTM D3321*	-40	-43	-43	-47
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		42	31	74
Phosphorus	ppm	ASTM D5185(m)		91	16	159
Boron	ppm	ASTM D5185(m)		19	12	183
Molybdenum	ppm	ASTM D5185(m)		459	409	541
Sodium	ppm	ASTM D5185(m)		8354	10454	3791
Potassium	ppm	ASTM D5185(m)		386	68	1090
Coolant Color		Visual*	Orange/R	Orange	Red	Red



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0082958
Lab Number : 02641540
Unique Number : 5799079
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.*

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F: