



COOLANT REPORT

CORROSION	NORMAL
CONTAMINANTS	NORMAL
COOLANT CONDITION	NORMAL

Area
MICHAUDVILLE

Machine Id

5010

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		WC0084379	PC0067259	PC0038865
Sample Date		Client Info		26 Feb 2024	11 Jan 2023	20 Dec 2020
Machine Age	hrs	Client Info		14524	14015	13364
Oil Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	Not Changed
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	<1	<1
Aluminum	ppm	ASTM D5185(m)	>10	4	4	2
Copper	ppm	ASTM D5185(m)	>10	0	2	<1
Lead	ppm	ASTM D5185(m)	>10	0	0	<1
Tin	ppm	ASTM D5185(m)	>10	0	0	<1
Silver	ppm	ASTM D5185(m)	>10	<1	<1	0
Zinc	ppm	ASTM D5185(m)	>10	2	2	<1

CONTAMINANTS

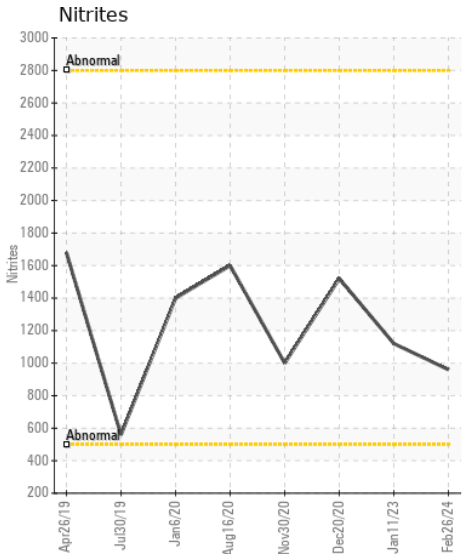
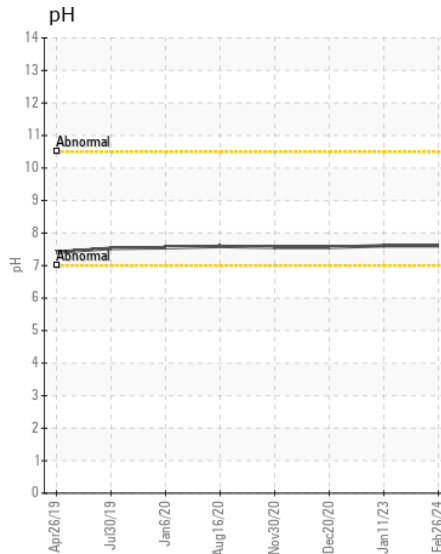
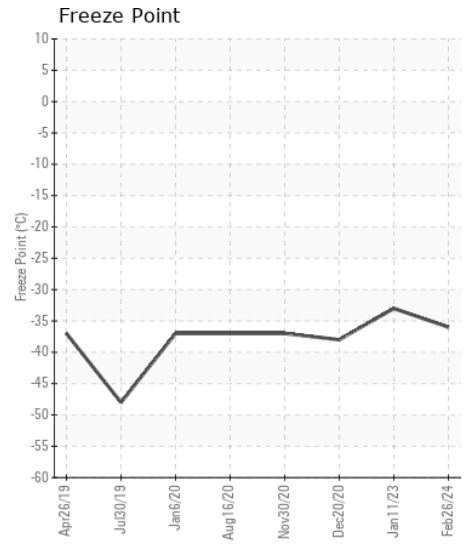
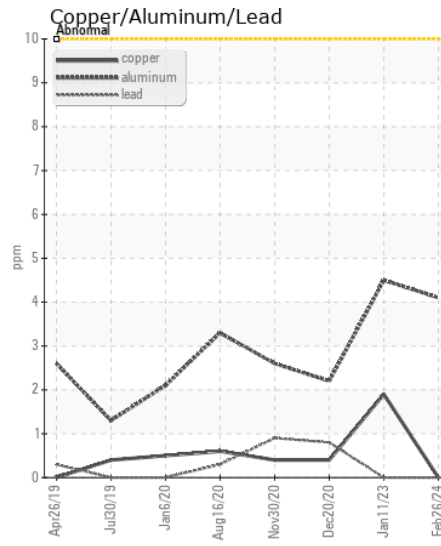
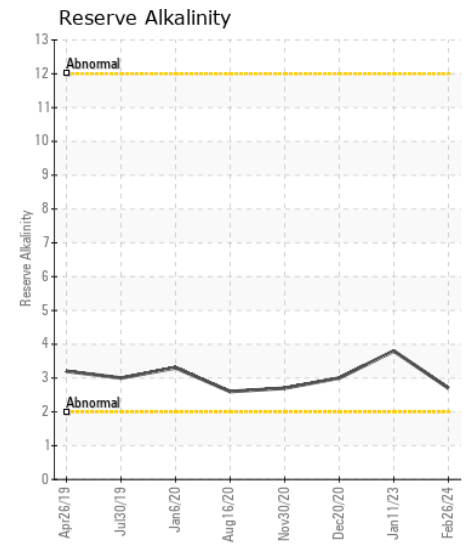
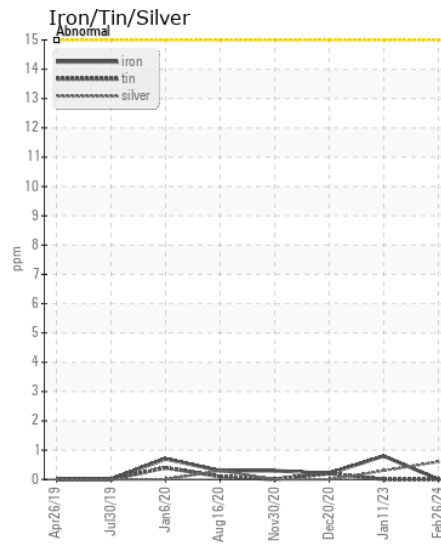
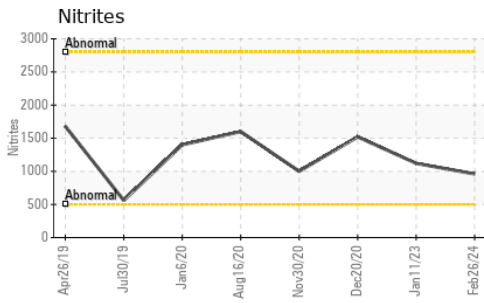
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	5	12	2
Magnesium	ppm	ASTM D5185(m)	>40	2	3	<1
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.

Specific Gravity		ASTM D1298*		1.067	1.067	1.067
pH	Scale 0-14	ASTM D1287*	9.0	7.61	7.61	7.56
Nitrites	ppm	Alcan Test Kit*		960	1120	1520
Reserve Alkalinity	Scale 0-20	ASTM D1121*		2.7	3.8	3.0
Percentage Glycol	%	ASTM D3321*	50	49.9	49.6	50.0
Freezing Point	°C	ASTM D3321*	-40	-36	-33	-38
Carboxylate				---	---	---
Silicon	ppm	ASTM D5185(m)		12	11	8
Phosphorus	ppm	ASTM D5185(m)		9	14	14
Boron	ppm	ASTM D5185(m)		133	178	221
Molybdenum	ppm	ASTM D5185(m)		394	477	361
Sodium	ppm	ASTM D5185(m)		6460	3737	3616
Potassium	ppm	ASTM D5185(m)		988	818	393
Coolant Color		Visual*	Orange/R	Red	Orange	Pink



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WC0084379
Lab Number : 02618514
Unique Number : 5735624
Test Package : COOL (Additional Tests: GlycolType)

LES ENTREPRISES MICHAUDVILLE INC.
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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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