



CORROSION	<b>NORMAL</b>
CONTAMINANTS	<b>NORMAL</b>
COOLANT CONDITION	<b>NORMAL</b>

Area  
**MICHAUDVILLE**  
Machine Id  
**8509**  
Component  
**Coolant**  
Fluid  
**{not provided} (--- 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		<b>PC0083559</b>	PC0082364	PC0065846
Sample Date		Client Info		<b>19 Feb 2024</b>	14 Nov 2023	02 Nov 2022
Machine Age	hrs	Client Info		<b>6728</b>	6586	5566
Oil Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>N/A</b>	N/A	N/A
Sample Status				<b>NORMAL</b>	ABNORMAL	ABNORMAL

**CORROSION**

All metal levels are normal indicating no corrosion in the cooling system.

Iron	ppm	ASTM D5185(m)	>15	<b>0</b>	0	3
Aluminum	ppm	ASTM D5185(m)	>10	<b>2</b>	<1	1
Copper	ppm	ASTM D5185(m)	>10	<b>4</b>	▲ 14	▲ 17
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	0	1
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	<1
Silver	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	2
Zinc	ppm	ASTM D5185(m)	>10	<b>2</b>	1	8

**CONTAMINANTS**

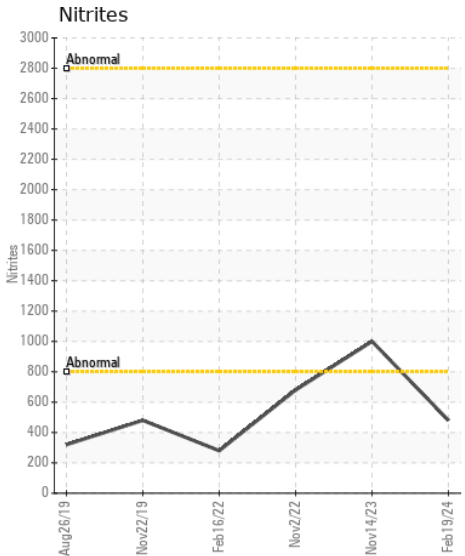
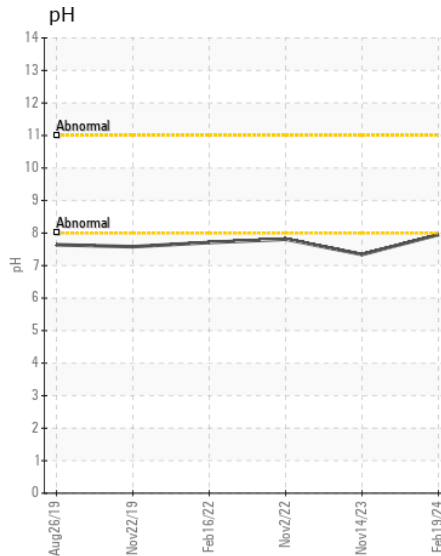
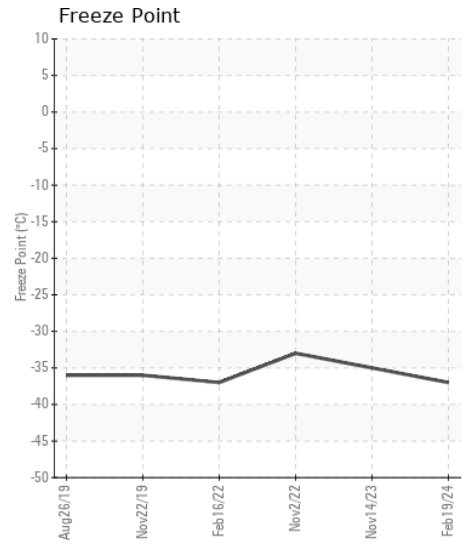
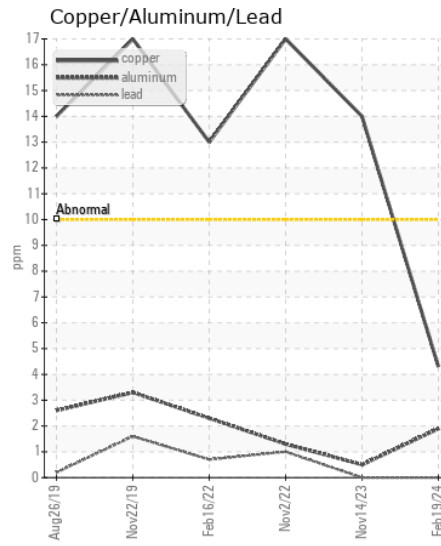
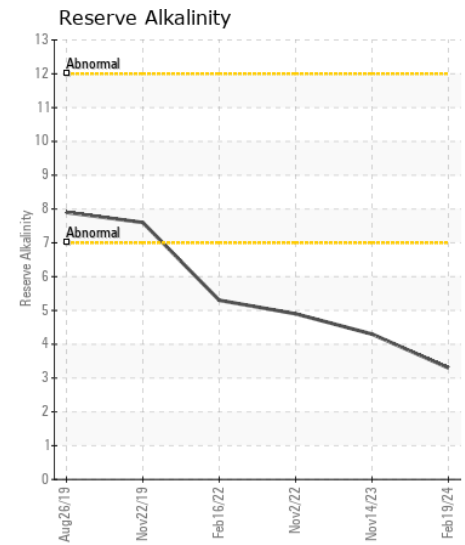
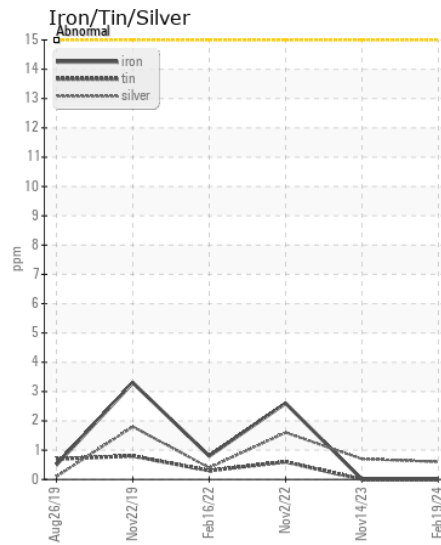
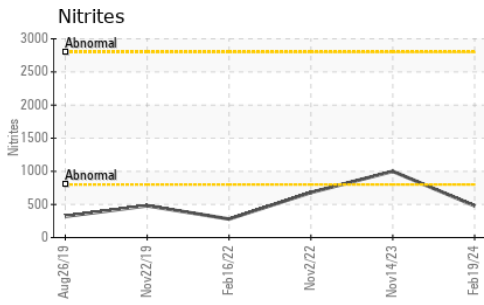
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>7</b>	1	7
Magnesium	ppm	ASTM D5185(m)	>40	<b>2</b>	<1	3
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Coolant Appearance		Visual*	Clear	<b>Clear</b>	Clear	Clear

**COOLANT CONDITION**

The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

Specific Gravity		ASTM D1298*		<b>1.068</b>	1.067	1.067
pH	Scale 0-14	ASTM D1287*		<b>7.95</b>	▲ 7.34	7.81
Nitrites	ppm	Alcan Test Kit*		<b>480</b>	1000	680
Reserve Alkalinity	Scale 0-20	ASTM D1121*		<b>3.3</b>	4.3	4.9
Percentage Glycol	%	ASTM D3321*		<b>50.7</b>	50.0	49.2
Freezing Point	°C	ASTM D3321*		<b>-37</b>	-35	-33
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)		<b>24</b>	46	68
Phosphorus	ppm	ASTM D5185(m)		<b>66</b>	149	229
Boron	ppm	ASTM D5185(m)		<b>199</b>	491	613
Molybdenum	ppm	ASTM D5185(m)		<b>262</b>	54	72
Sodium	ppm	ASTM D5185(m)		<b>7077</b>	3591	2695
Potassium	ppm	ASTM D5185(m)		<b>398</b>	959	972
Coolant Color		Visual*		<b>Orange</b>	Green	Grn/Yellow



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0083559  
**Lab Number** : 02616802  
**Unique Number** : 5733912  
**Test Package** : COOL ( Additional Tests: GlycolType )

**LES ENTREPRISES MICHAUDVILLE INC.**  
 270 RUE BRUNET  
 MONT ST-HILAIRE, QC  
 CA J3H 0M6  
 Contact: Martin Trudel  
 mtrudel@michaudville.com

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: