



# COOLANT REPORT

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

Area  
**MICHAUDVILLE**

Machine Id

**5031**

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		<b>PC0083750</b>	PC0078358	PC0053418
Sample Date		Client Info		<b>19 Feb 2024</b>	13 Sep 2023	01 Dec 2021
Machine Age	hrs	Client Info		<b>4415</b>	4005	0
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>	NORMAL	NORMAL

## CORROSION

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

Iron	ppm	ASTM D5185(m)	>15	<b>0</b>	0	<1
Aluminum	ppm	ASTM D5185(m)	>10	<b>9</b>	7	2
Copper	ppm	ASTM D5185(m)	>10	<b>0</b>	0	<1
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	0	<1
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	<1
Zinc	ppm	ASTM D5185(m)	>10	<b>2</b>	0	<1

## CONTAMINANTS

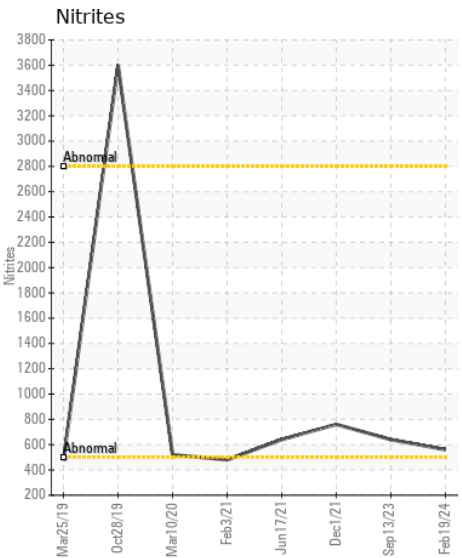
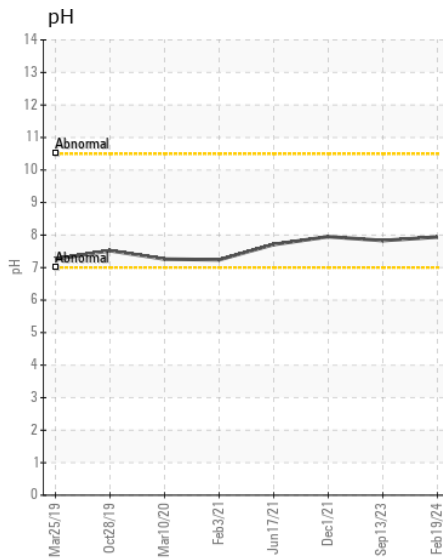
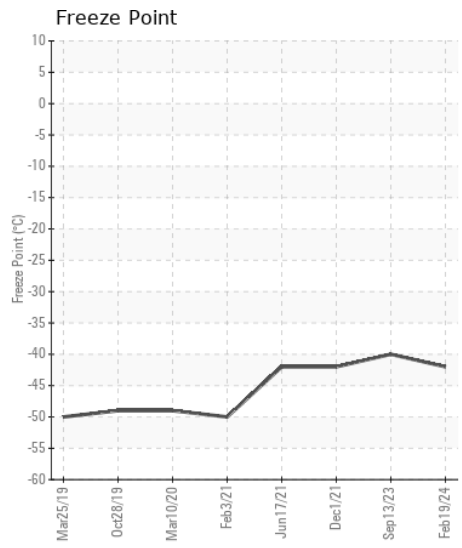
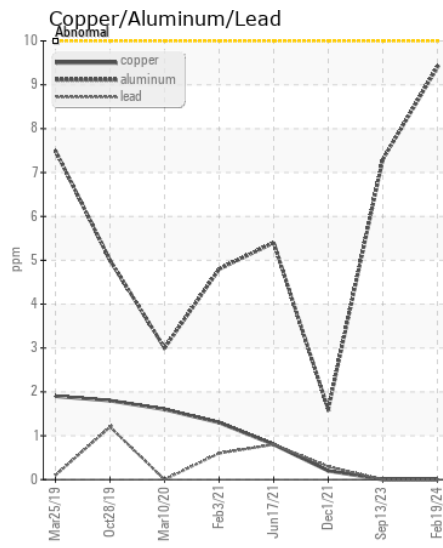
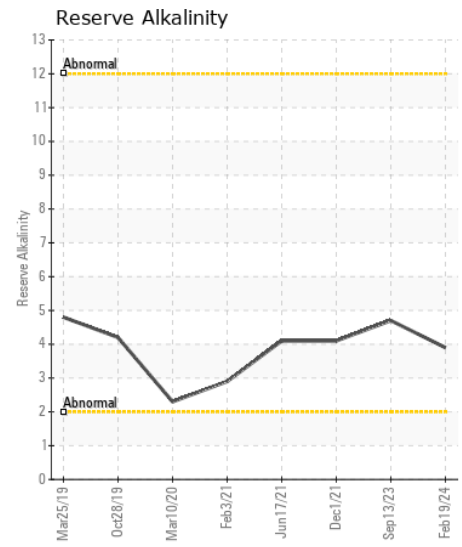
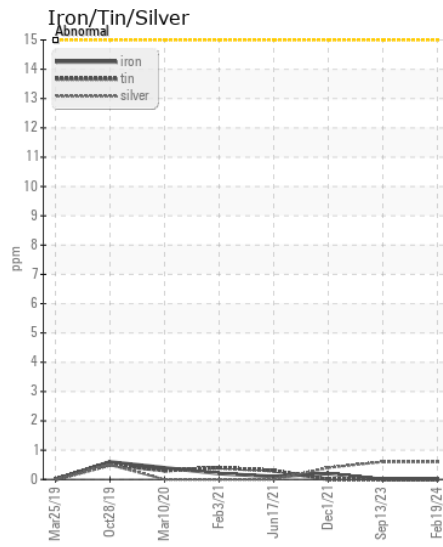
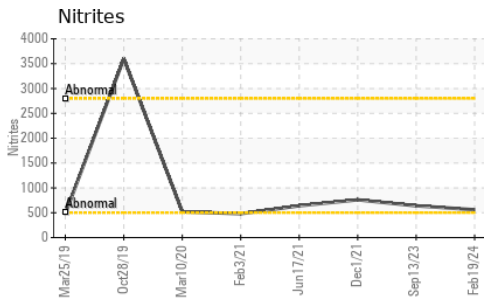
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>10</b>	7	<1
Magnesium	ppm	ASTM D5185(m)	>40	<b>1</b>	1	<1
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 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*		<b>1.071</b>	1.070	1.071
pH	Scale 0-14	ASTM D1287*	9.0	<b>7.94</b>	7.83	7.95
Nitrites	ppm	Alcan Test Kit*		<b>560</b>	640	760
Reserve Alkalinity	Scale 0-20	ASTM D1121*		<b>3.9</b>	4.7	4.1
Percentage Glycol	%	ASTM D3321*	50	<b>53.3</b>	52.9	53.0
Freezing Point	°C	ASTM D3321*	-40	<b>-42</b>	-40	-42
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)		<b>9</b>	13	2
Phosphorus	ppm	ASTM D5185(m)		<b>12</b>	0	6
Boron	ppm	ASTM D5185(m)		<b>26</b>	30	15
Molybdenum	ppm	ASTM D5185(m)		<b>445</b>	421	15
Sodium	ppm	ASTM D5185(m)		<b>7567</b>	6506	1852
Potassium	ppm	ASTM D5185(m)		<b>124</b>	88	47
Coolant Color		Visual*	Orange/R	<b>Orange</b>	Red	Orange



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0083750  
**Lab Number** : 02616804  
**Unique Number** : 5733914  
**Test Package** : COOL ( Additional Tests: GlycolType )  
**Received** : 20 Feb 2024  
**Tested** : 22 Feb 2024  
**Diagnosed** : 22 Feb 2024 - Kevin Marson

**LES ENTREPRISES MICHAUVILLE INC.**  
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 MONT ST-HILAIRE, QC  
 CA J3H 0M6  
 Contact: Martin Trudel  
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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: