



# COOLANT REPORT

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

Area  
**MICHAUDVILLE**

Machine Id

**5519**

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>WC0084374</b>	PC0065882	PC0053360
Sample Date		Client Info		<b>26 Feb 2024</b>	07 Dec 2022	09 Nov 2021
Machine Age	hrs	Client Info		<b>9720</b>	0	8930
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>	1	1
Aluminum	ppm	ASTM D5185(m)	>10	<b>3</b>	2	4
Copper	ppm	ASTM D5185(m)	>10	<b>0</b>	4	3
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	<1	1
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	<1
Silver	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	0	<1
Zinc	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	8	5

## CONTAMINANTS

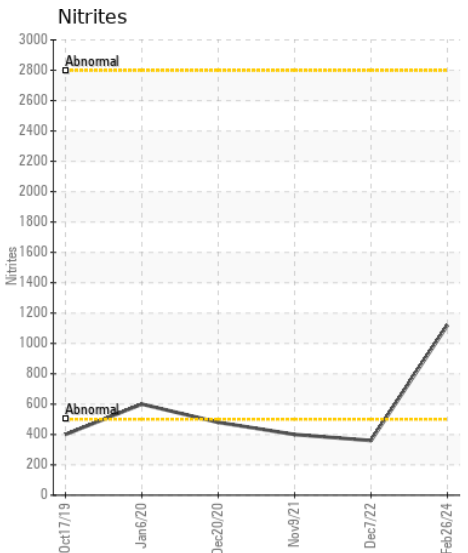
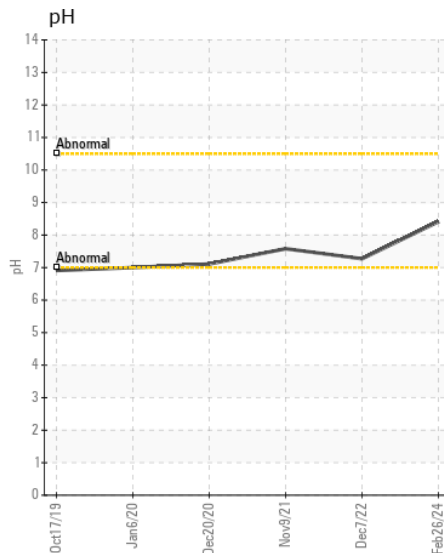
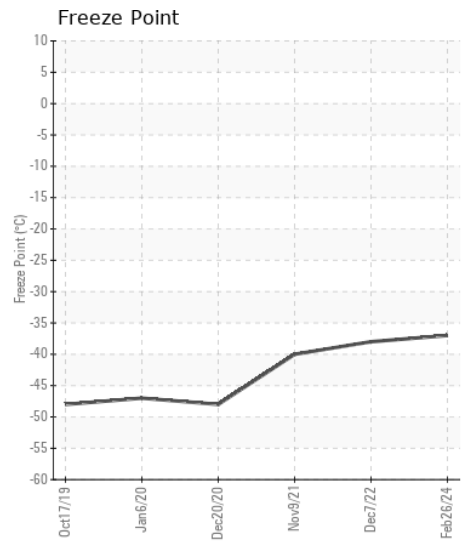
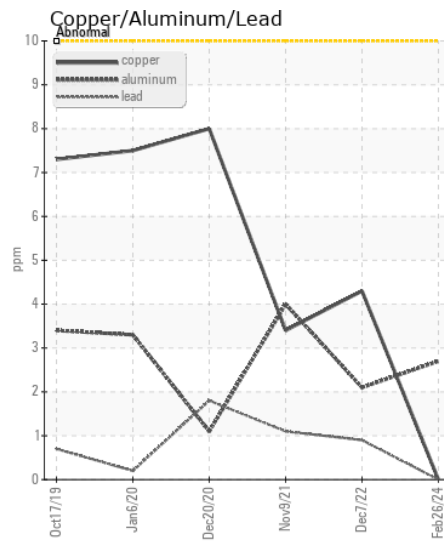
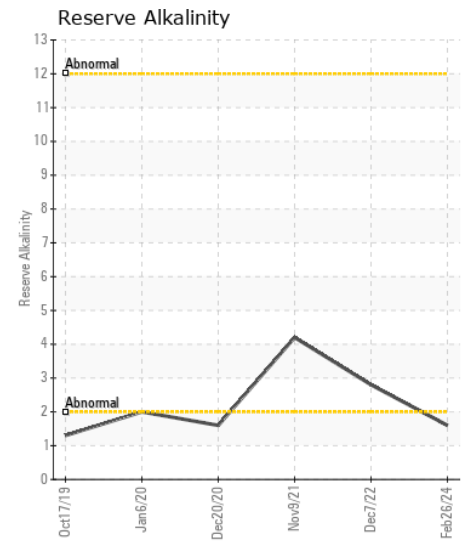
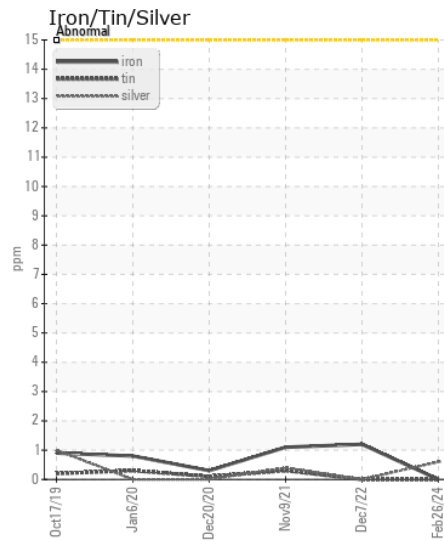
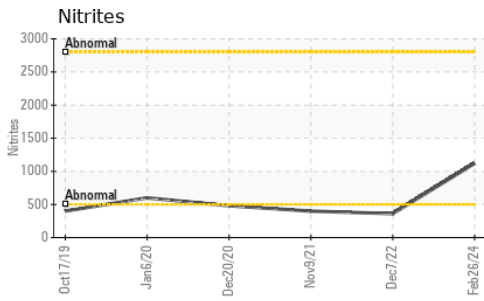
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>10</b>	8	2
Magnesium	ppm	ASTM D5185(m)	>40	<b>2</b>	2	2
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.

Specific Gravity		ASTM D1298*		<b>1.068</b>	1.069	1.070
pH	Scale 0-14	ASTM D1287*	9.0	<b>8.41</b>	7.27	7.58
Nitrites	ppm	Alcan Test Kit*		<b>1120</b>	360	400
Reserve Alkalinity	Scale 0-20	ASTM D1121*		<b>1.6</b>	2.8	4.2
Percentage Glycol	%	ASTM D3321*	50	<b>50.8</b>	51.4	52.0
Freezing Point	°C	ASTM D3321*	-40	<b>-37</b>	-38	-40
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)		<b>16</b>	7	13
Phosphorus	ppm	ASTM D5185(m)		<b>46</b>	17	12
Boron	ppm	ASTM D5185(m)		<b>10</b>	29	10
Molybdenum	ppm	ASTM D5185(m)		<b>378</b>	115	143
Sodium	ppm	ASTM D5185(m)		<b>9130</b>	1745	1519
Potassium	ppm	ASTM D5185(m)		<b>178</b>	3487	2260
Coolant Color		Visual*	Orange/R	<b>Red</b>	Pink	Red



ISO 17025:2017  
Accredited  
Laboratory

**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0084374  
**Lab Number** : 02618512  
**Unique Number** : 5735622  
**Test Package** : COOL ( Additional Tests: GlycolType )

**LES ENTREPRISES MICHAUDVILLE 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: