



# COOLANT REPORT

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

Machine Id  
**5017**  
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>WC0084376</b>	PC0082936	PC0070840
Sample Date		Client Info		<b>26 Feb 2024</b>	21 Nov 2023	16 Apr 2023
Machine Age	hrs	Client Info		<b>21795</b>	21335	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>3</b>	3	5
Copper	ppm	ASTM D5185(m)	>10	<b>0</b>	0	2
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	0
Silver	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	0
Zinc	ppm	ASTM D5185(m)	>10	<b>2</b>	<1	2

## CONTAMINANTS

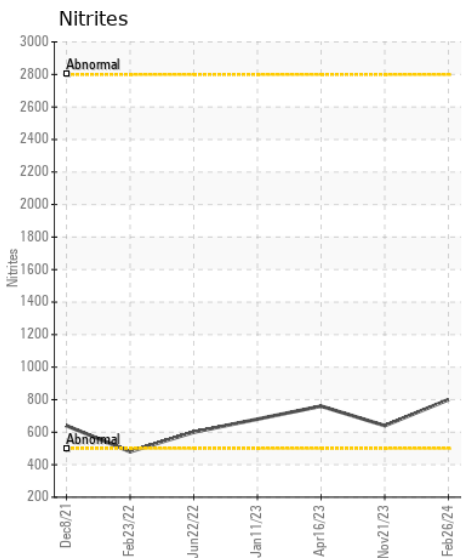
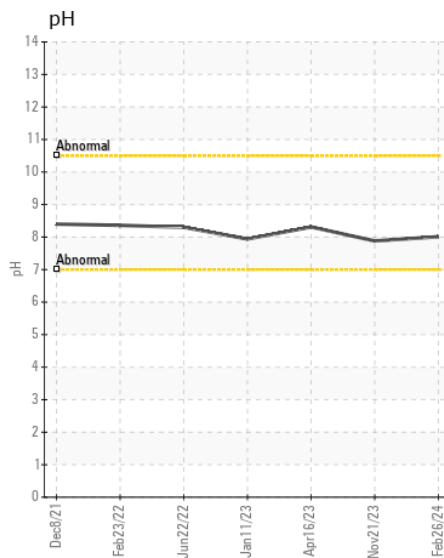
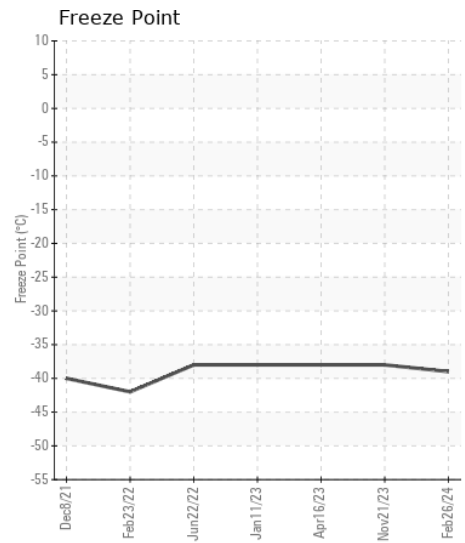
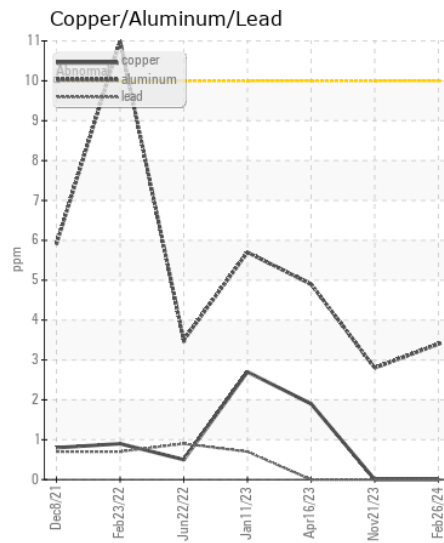
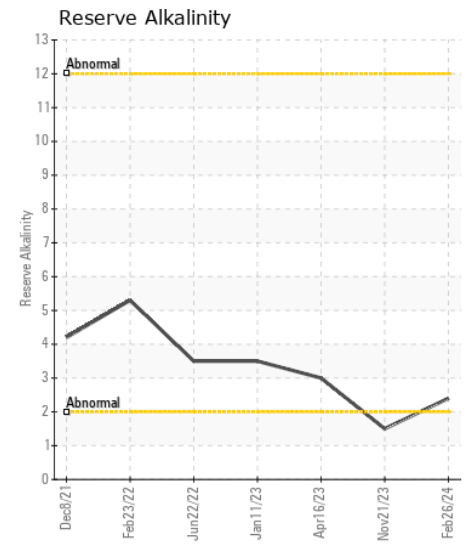
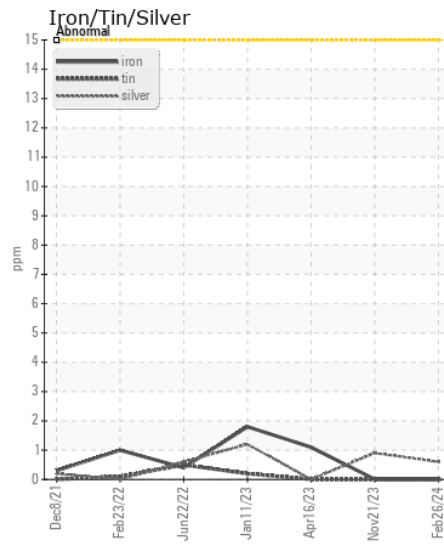
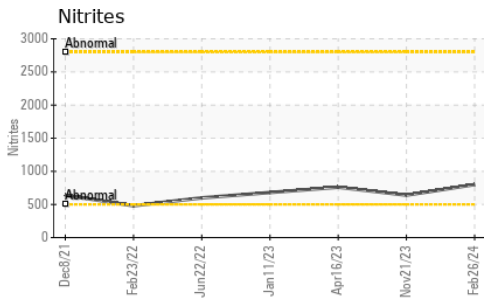
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>11</b>	11	10
Magnesium	ppm	ASTM D5185(m)	>40	<b>2</b>	3	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 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>1.069</b>	1.069	1.069
pH	Scale 0-14	ASTM D1287*	9.0	<b>8.01</b>	7.88	8.31
Nitrites	ppm	Alcan Test Kit*		<b>800</b>	640	760
Reserve Alkalinity	Scale 0-20	ASTM D1121*		<b>2.4</b>	1.5	3.0
Percentage Glycol	%	ASTM D3321*	50	<b>51.4</b>	51.3	51.5
Freezing Point	°C	ASTM D3321*	-40	<b>-39</b>	-38	-38
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)		<b>7</b>	8	9
Phosphorus	ppm	ASTM D5185(m)		<b>5</b>	7	4
Boron	ppm	ASTM D5185(m)		<b>9</b>	18	25
Molybdenum	ppm	ASTM D5185(m)		<b>484</b>	479	565
Sodium	ppm	ASTM D5185(m)		<b>8483</b>	8769	4006
Potassium	ppm	ASTM D5185(m)		<b>85</b>	29	54
Coolant Color		Visual*	Orange/R	<b>Red</b>	Pink	Red



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0084376  
**Lab Number** : 02618517  
**Unique Number** : 5735627  
**Test Package** : COOL ( Additional Tests: GlycolType )  
**Received** : 27 Feb 2024  
**Tested** : 27 Feb 2024  
**Diagnosed** : 28 Feb 2024 - Kevin Marson

**LES ENTREPRISES MICHAUVILLE 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: