



# COOLANT REPORT

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

Area  
**MICHAUDVILLE**

Machine Id  
**1201**

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>WC0084373</b>	PC0073323	PC0066520
Sample Date		Client Info		<b>26 Feb 2024</b>	16 Jul 2023	17 Nov 2022
Machine Age	hrs	Client Info		<b>12889</b>	287234	10827
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>	3	2
Aluminum	ppm	ASTM D5185(m)	>10	<b>2</b>	<1	3
Copper	ppm	ASTM D5185(m)	>10	<b>0</b>	4	2
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	6	0
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	2	0
Silver	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	0	0
Zinc	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	3

## CONTAMINANTS

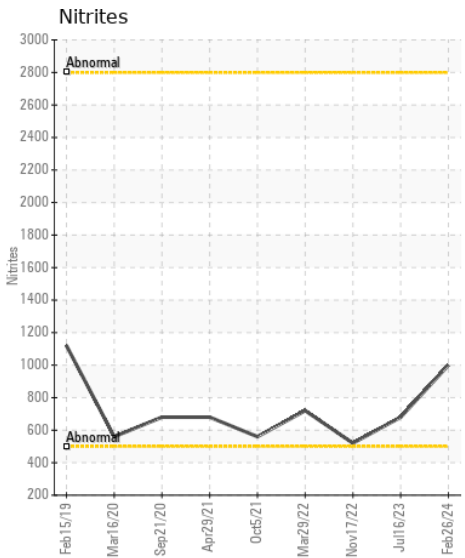
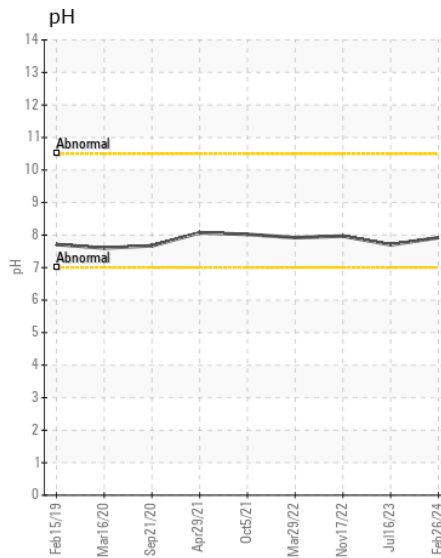
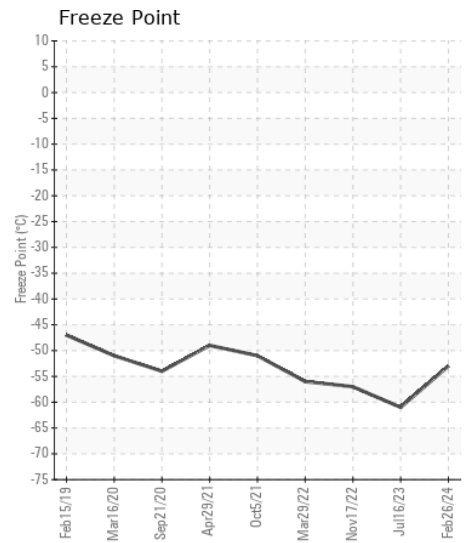
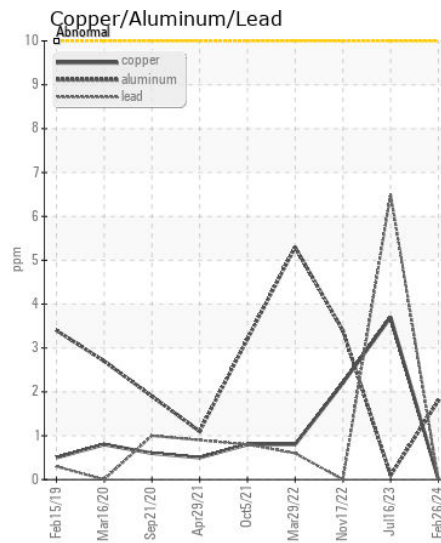
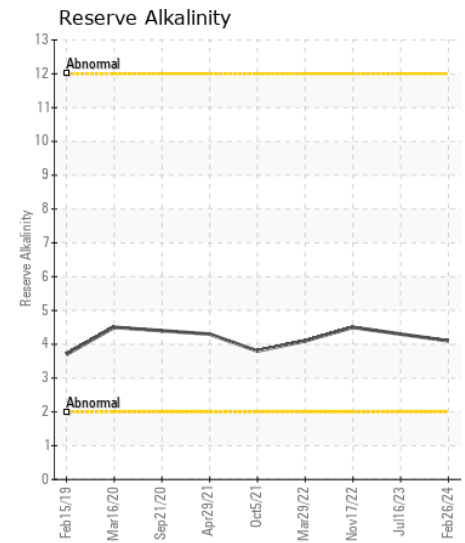
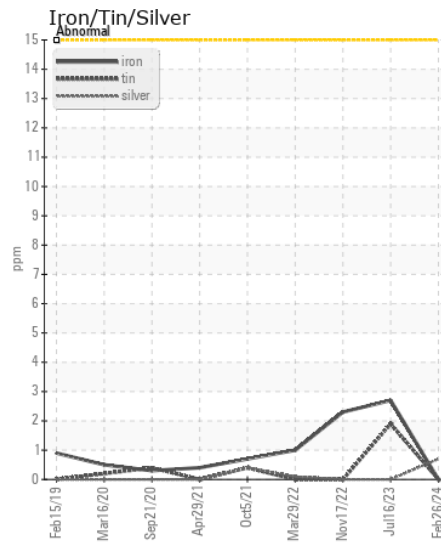
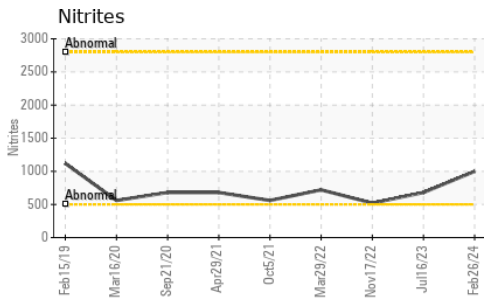
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>15</b>	22	21
Magnesium	ppm	ASTM D5185(m)	>40	<b>1</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>1.084</b>	1.082	1.080
pH	Scale 0-14	ASTM D1287*	9.0	<b>7.92</b>	7.70	7.97
Nitrites	ppm	Alcan Test Kit*		<b>1000</b>	680	520
Reserve Alkalinity	Scale 0-20	ASTM D1121*		<b>4.1</b>	4.3	4.5
Percentage Glycol	%	ASTM D3321*	50	<b>64.6</b>	62.8	60.4
Freezing Point	°C	ASTM D3321*	-40	<b>-53</b>	-61	-57
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)		<b>110</b>	126	84
Phosphorus	ppm	ASTM D5185(m)		<b>13</b>	8	65
Boron	ppm	ASTM D5185(m)		<b>122</b>	140	114
Molybdenum	ppm	ASTM D5185(m)		<b>368</b>	453	422
Sodium	ppm	ASTM D5185(m)		<b>5339</b>	2812	2610
Potassium	ppm	ASTM D5185(m)		<b>6068</b>	1983	2630
Coolant Color		Visual*	Orange/R	<b>Red</b>	Red	Orange



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : WC0084373  
**Lab Number** : 02618511  
**Unique Number** : 5735621  
**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: