



Area

**MICHAUDVILLE**

Machine Id

**1205**

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>PC0084198</b>	PC0083482	PC0077437
Sample Date		Client Info		<b>20 Jun 2024</b>	31 Jan 2024	14 Aug 2023
Machine Age	hrs	Client Info		<b>15420</b>	14882	13989
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	2
Aluminum	ppm	ASTM D5185(m)	>10	<b>3</b>	4	0
Copper	ppm	ASTM D5185(m)	>10	<b>0</b>	0	3
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	0	6
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	0	2
Silver	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	<1	0
Zinc	ppm	ASTM D5185(m)	>10	<b>2</b>	0	0

**CONTAMINANTS**

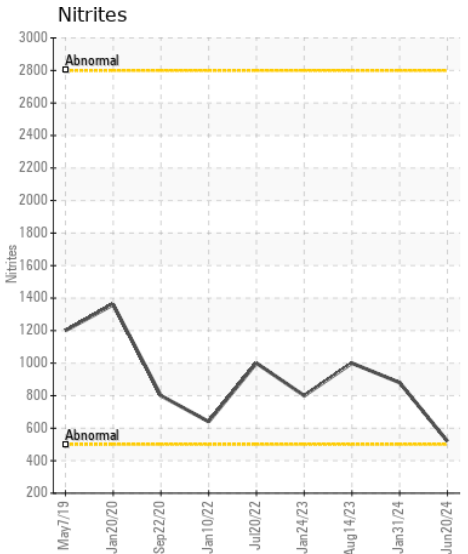
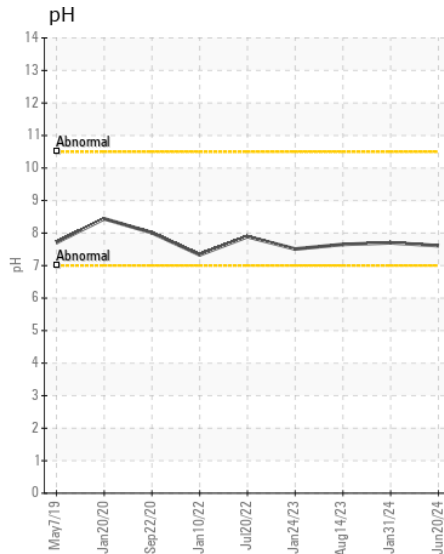
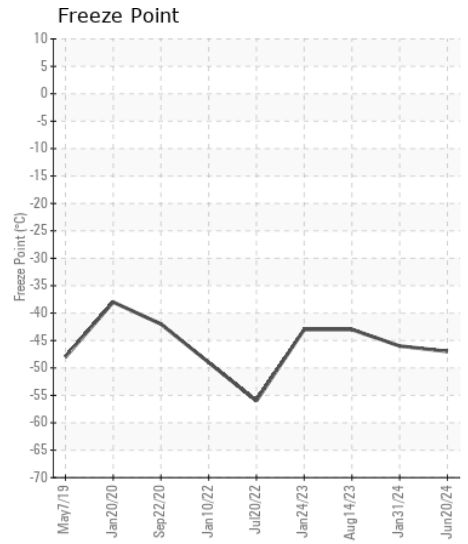
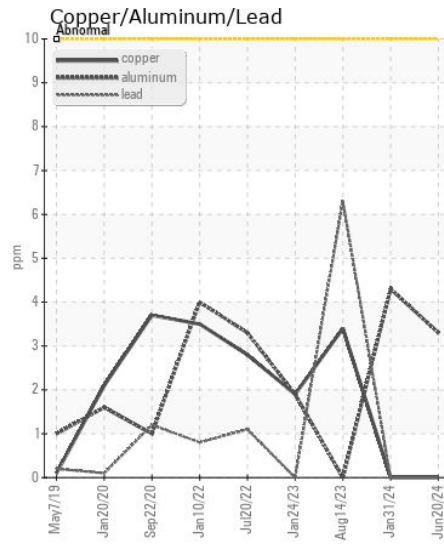
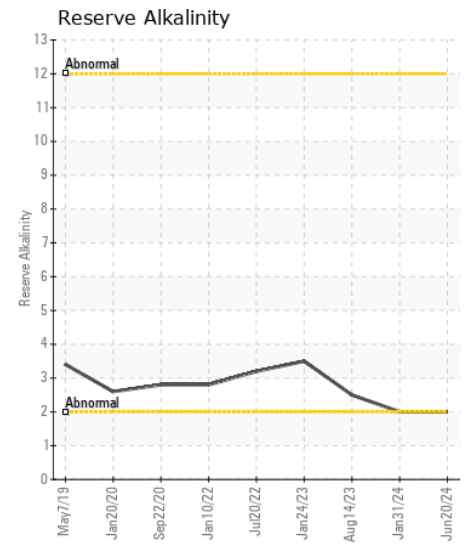
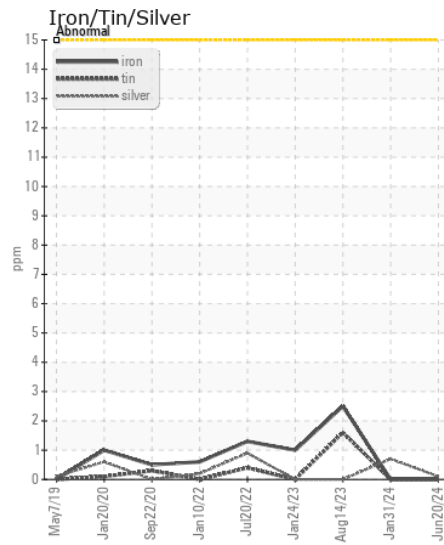
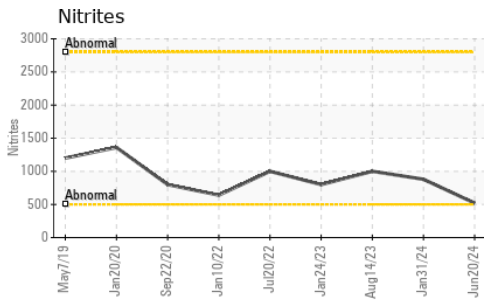
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>20</b>	10	20
Magnesium	ppm	ASTM D5185(m)	>40	<b>3</b>	2	4
Appearance	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	Visual*	NORML	<b>NORML</b>	NORML	NORML
Coolant Appearance		Visual*	Clear	<b>Cloudy</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.

Boiling Point	°C	WC Method*		<b>109</b>	109	---
Specific Gravity		ASTM D1298*		<b>1.076</b>	1.075	1.072
pH	Scale 0-14	ASTM D1287*	9.0	<b>7.61</b>	7.70	7.65
Nitrites	ppm	Alcan Test Kit*		<b>520</b>	880	1000
Reserve Alkalinity	Scale 0-20	ASTM D1121*		<b>2.0</b>	2.0	2.5
Percentage Glycol	%	ASTM D3321*	50	<b>57.0</b>	56.0	53.7
Freezing Point	°C	ASTM D3321*	-40	<b>-47</b>	-46	-43
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)		<b>37</b>	21	33
Phosphorus	ppm	ASTM D5185(m)		<b>13</b>	15	9
Boron	ppm	ASTM D5185(m)		<b>139</b>	122	190
Molybdenum	ppm	ASTM D5185(m)		<b>342</b>	285	347
Sodium	ppm	ASTM D5185(m)		<b>7361</b>	9459	4181
Potassium	ppm	ASTM D5185(m)		<b>159</b>	126	201
Coolant Color		Visual*	Orange/R	<b>Red</b>	Red	Orange



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0084198  
**Lab Number** : 02643523  
**Unique Number** : 5801062  
**Test Package** : COOL ( Additional Tests: GlycolType )

**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: