



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

Area  
**MICHAUDVILLE**

Machine Id  
**1210**

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>PC0088923</b>   | PC0070972   | PC0060293   |
| Sample Date   |     | Client Info |           | <b>17 Jun 2024</b> | 16 Apr 2023 | 22 Jun 2022 |
| Machine Age   | kms | Client Info |           | <b>470672</b>      | 17750       | 16724       |
| Oil Age       | kms | 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>1</b>     | 2  | 3  |
| Copper   | ppm | ASTM D5185(m) | >10 | <b>&lt;1</b> | 2  | <1 |
| 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>0</b>     | 0  | 1  |
| Zinc     | ppm | ASTM D5185(m) | >10 | <b>2</b>     | <1 | 2  |

**CONTAMINANTS**

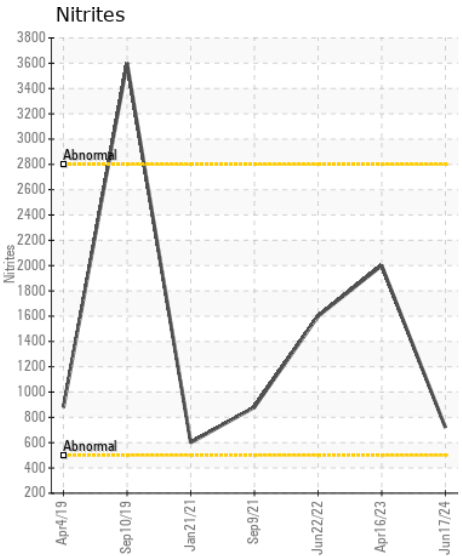
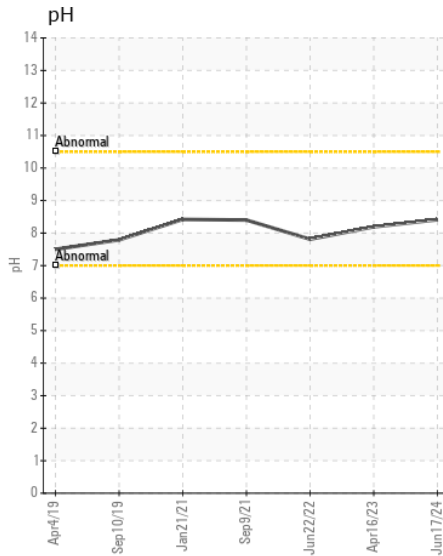
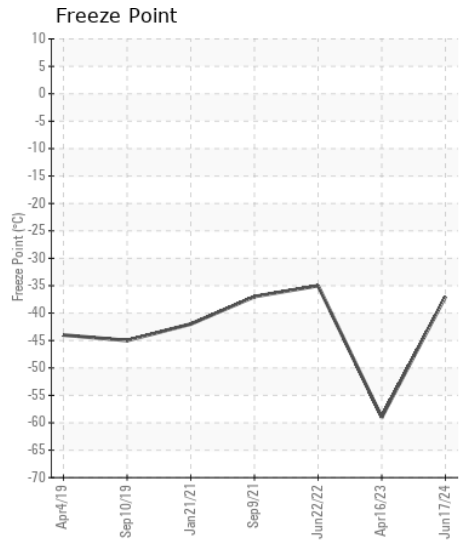
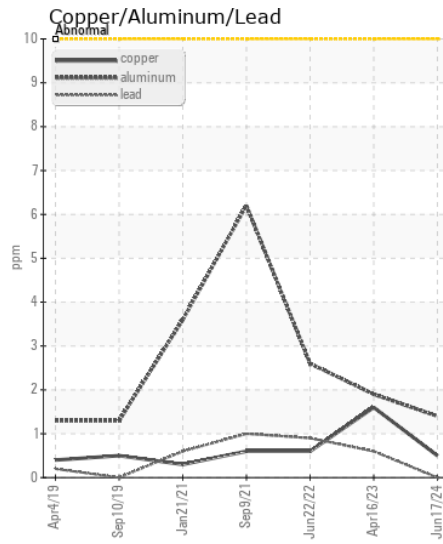
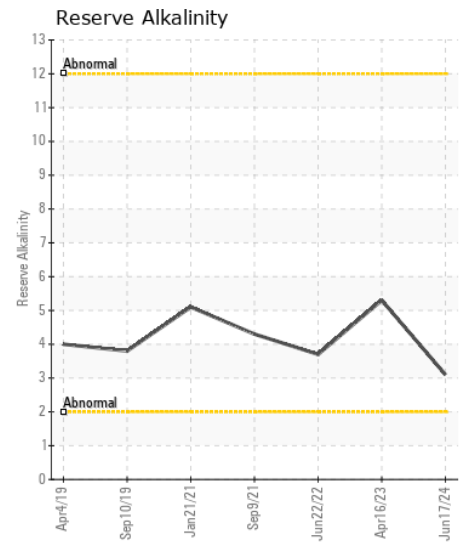
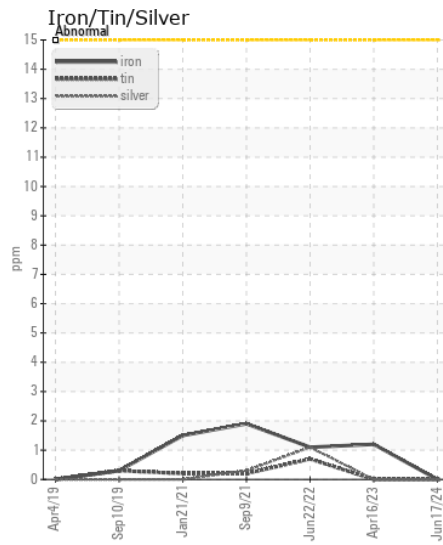
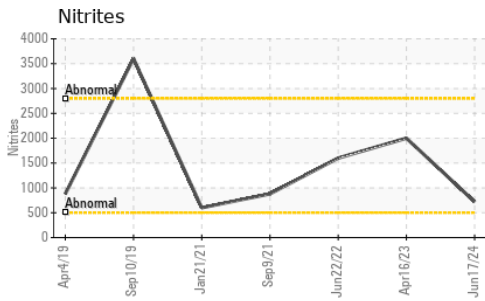
There is no indication of any contamination in the coolant.

|                    |        |               |       |              |       |       |
|--------------------|--------|---------------|-------|--------------|-------|-------|
| Calcium            | ppm    | ASTM D5185(m) | >100  | <b>6</b>     | 12    | 8     |
| Magnesium          | ppm    | ASTM D5185(m) | >40   | <b>3</b>     | 2     | 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.

|                    |            |                 |          |              |       |        |
|--------------------|------------|-----------------|----------|--------------|-------|--------|
| Boiling Point      | °C         | WC Method*      |          | <b>107</b>   | ---   | ---    |
| Specific Gravity   |            | ASTM D1298*     |          | <b>1.068</b> | 1.081 | 1.068  |
| pH                 | Scale 0-14 | ASTM D1287*     | 9.0      | <b>8.41</b>  | 8.19  | 7.81   |
| Nitrites           | ppm        | Alcan Test Kit* |          | <b>720</b>   | 2000  | 1600   |
| Reserve Alkalinity | Scale 0-20 | ASTM D1121*     |          | <b>3.1</b>   | 5.3   | 3.7    |
| Percentage Glycol  | %          | ASTM D3321*     | 50       | <b>50.8</b>  | 61.8  | 50.4   |
| Freezing Point     | °C         | ASTM D3321*     | -40      | <b>-37</b>   | -59   | -35    |
| Carboxylate        |            |                 |          | <b>---</b>   | ---   | ---    |
| Silicon            | ppm        | ASTM D5185(m)   |          | <b>24</b>    | 41    | 60     |
| Phosphorus         | ppm        | ASTM D5185(m)   |          | <b>108</b>   | 29    | 17     |
| Boron              | ppm        | ASTM D5185(m)   |          | <b>36</b>    | 221   | 438    |
| Molybdenum         | ppm        | ASTM D5185(m)   |          | <b>230</b>   | 249   | 205    |
| Sodium             | ppm        | ASTM D5185(m)   |          | <b>4685</b>  | 4352  | 2454   |
| Potassium          | ppm        | ASTM D5185(m)   |          | <b>3555</b>  | 214   | 267    |
| Coolant Color      |            | Visual*         | Orange/R | <b>Red</b>   | Red   | Orange |



ISO 17025:2017  
Accredited  
Laboratory

**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : PC0088923  
**Lab Number** : 02642714  
**Unique Number** : 5800253  
**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: