

**COOLANT REPORT**

Area  
**MICHAUDVILLE**

Machine Id  
**F55064**

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>PC0085085</b>   | PC0082365   | PC0078411   |
| Sample Date   |     | Client Info |           | <b>26 Jun 2024</b> | 14 Nov 2023 | 13 Sep 2023 |
| Machine Age   | hrs | Client Info |           | <b>3760</b>        | 3250        | 1097        |
| 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      | ABNORMAL    |

**CORROSION**

All metal levels are normal indicating no corrosion in the cooling system.

|          |     |               |     |          |    |    |
|----------|-----|---------------|-----|----------|----|----|
| Iron     | ppm | ASTM D5185(m) | >15 | <b>0</b> | 0  | 0  |
| Aluminum | ppm | ASTM D5185(m) | >10 | <b>1</b> | 4  | 3  |
| Copper   | ppm | ASTM D5185(m) | >10 | <b>0</b> | 0  | 0  |
| 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>0</b> | <1 | <1 |
| Zinc     | ppm | ASTM D5185(m) | >10 | <b>2</b> | 0  | 0  |

**CONTAMINANTS**

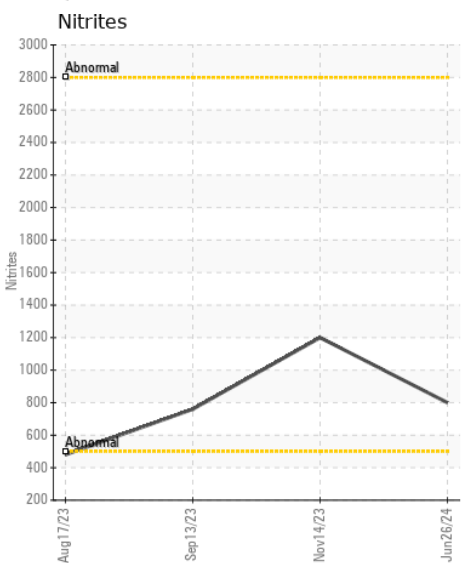
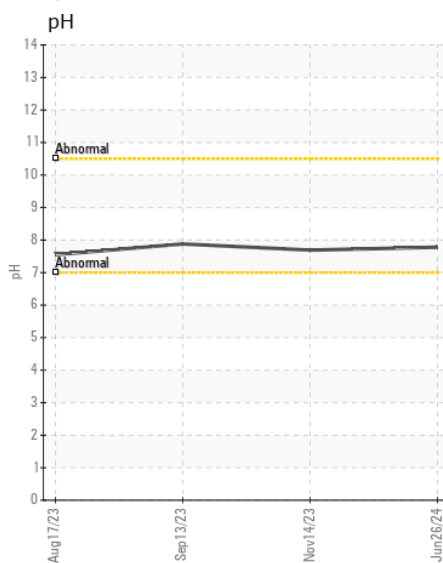
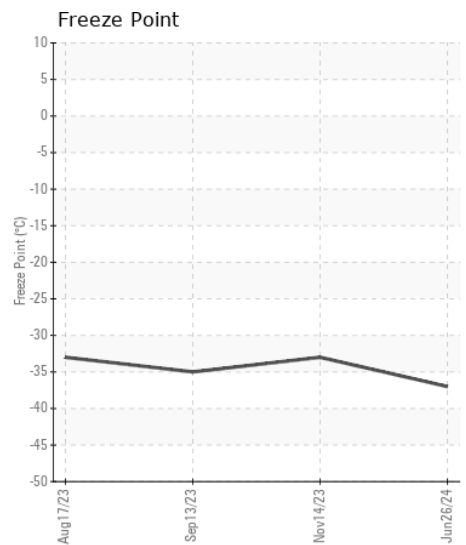
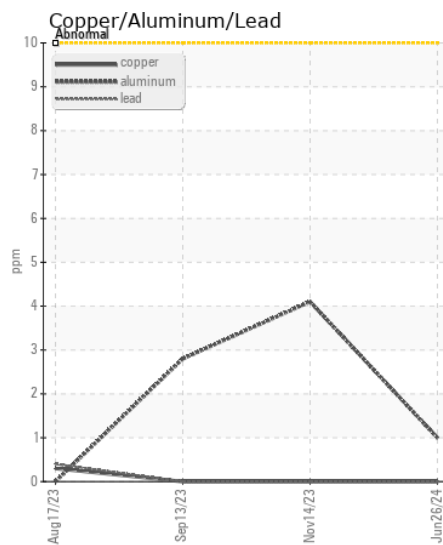
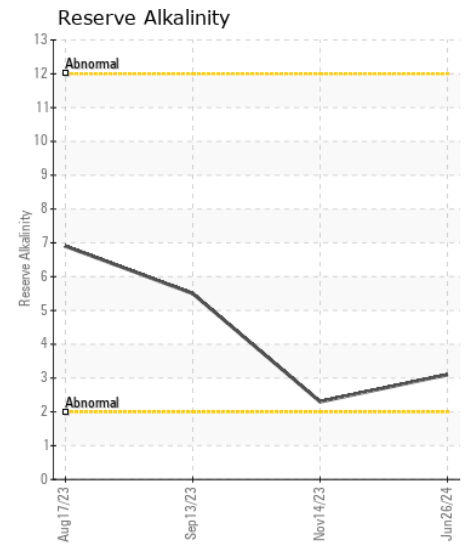
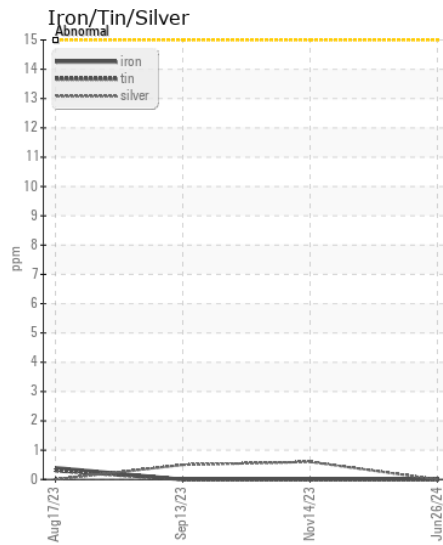
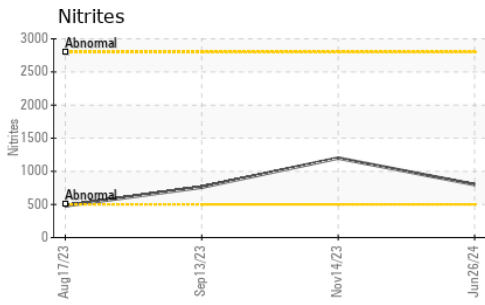
There is no indication of any contamination in the coolant.

|                    |        |               |       |               |       |            |
|--------------------|--------|---------------|-------|---------------|-------|------------|
| Calcium            | ppm    | ASTM D5185(m) |       | <b>26</b>     | 17    | 1          |
| Magnesium          | ppm    | ASTM D5185(m) |       | <b>7</b>      | 4     | <1         |
| 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 | ▲ Very cld |

**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> | 1.067 | 1.068  |
| pH                 | Scale 0-14 | ASTM D1287*     | 9.0      | <b>7.78</b>  | 7.69  | ▲ 7.88 |
| Nitrites           | ppm        | Alcan Test Kit* |          | <b>800</b>   | 1200  | ▲ 760  |
| Reserve Alkalinity | Scale 0-20 | ASTM D1121*     |          | <b>3.1</b>   | 2.3   | ▲ 5.5  |
| Percentage Glycol  | %          | ASTM D3321*     | 50       | <b>50.3</b>  | 49.8  | 50.6   |
| Freezing Point     | °C         | ASTM D3321*     | -40      | <b>-37</b>   | -33   | -35    |
| Carboxylate        |            |                 |          | <b>---</b>   | ---   | ---    |
| Silicon            | ppm        | ASTM D5185(m)   |          | <b>28</b>    | 8     | 26     |
| Phosphorus         | ppm        | ASTM D5185(m)   |          | <b>10</b>    | 8     | 763    |
| Boron              | ppm        | ASTM D5185(m)   |          | <b>6</b>     | 6     | 59     |
| Molybdenum         | ppm        | ASTM D5185(m)   |          | <b>257</b>   | 321   | 551    |
| Sodium             | ppm        | ASTM D5185(m)   |          | <b>6532</b>  | 2351  | 4252   |
| Potassium          | ppm        | ASTM D5185(m)   |          | <b>312</b>   | 4284  | 5829   |
| Coolant Color      |            | Visual*         | Orange/R | <b>Pink</b>  | Red   | Green  |



ISO 17025:2017  
Accredited  
Laboratory

**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

**Sample No.** : PC0085085

**Lab Number** : 02644437

**Unique Number** : 5801976

**Test Package** : MOB 1 ( Additional Tests: BoilingPoint, GlycolType )

**Received** : 27 Jun 2024

**Tested** : 27 Jun 2024

**Diagnosed** : 28 Jun 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.

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F: