



RAPPORT DU LIQUIDE DE REFROIDISSEMENT

CORROSION

**NORMAL**

CONTAMINANTS

**NORMAL**

ÉTAT DU LIQUIDE REFROIDISSEMENT

**NORMAL**

Secteur

**MICHAUDVILLE**

Identité de la machine

**1201**

Composant

**Liquide de refroidissement**

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    |
|---------------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Numéro d'échant.    |     | Client Info |           | <b>WC0084373</b>   | PC0073323   | PC0066520   |
| Date d'échant.      |     | Client Info |           | <b>26 Feb 2024</b> | 16 Jul 2023 | 17 Nov 2022 |
| Âge d la Machine    | hrs | Client Info |           | <b>12889</b>       | 287234      | 10827       |
| Âge de l'huile      | hrs | Client Info |           | <b>0</b>           | 0           | 0           |
| Huile changée       |     | Client Info |           | <b>N/A</b>         | N/A         | N/A         |
| Statut de l'échant. |     |             |           | <b>NORMAL</b>      | NORMAL      | NORMAL      |

**CORROSION**

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

|           |     |               |     |              |    |   |
|-----------|-----|---------------|-----|--------------|----|---|
| Fer       | ppm | ASTM D5185(m) | >15 | <b>0</b>     | 3  | 2 |
| Aluminium | ppm | ASTM D5185(m) | >10 | <b>2</b>     | <1 | 3 |
| Cuivre    | ppm | ASTM D5185(m) | >10 | <b>0</b>     | 4  | 2 |
| Plomb     | ppm | ASTM D5185(m) | >10 | <b>0</b>     | 6  | 0 |
| Étain     | ppm | ASTM D5185(m) | >10 | <b>0</b>     | 2  | 0 |
| Argent    | ppm | ASTM D5185(m) | >10 | <b>&lt;1</b> | 0  | 0 |
| Zinc      | ppm | ASTM D5185(m) | >10 | <b>&lt;1</b> | <1 | 3 |

**CONTAMINANTS**

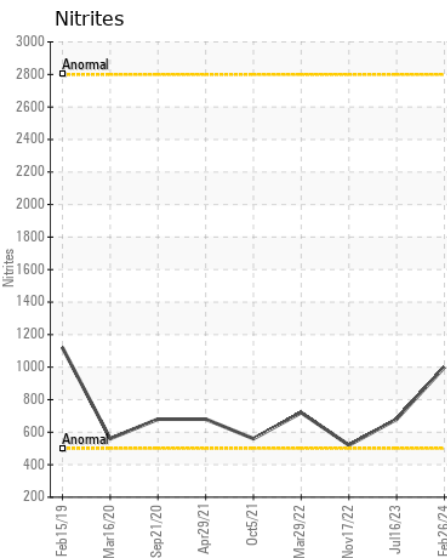
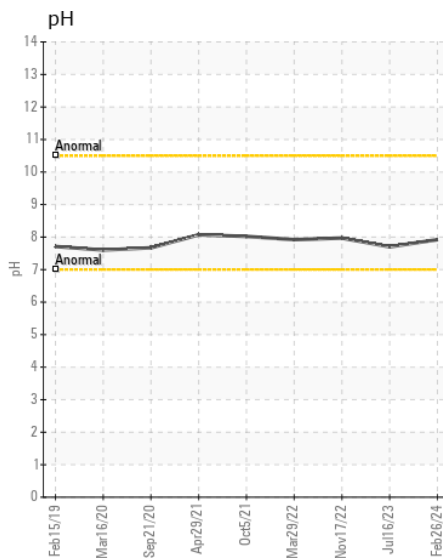
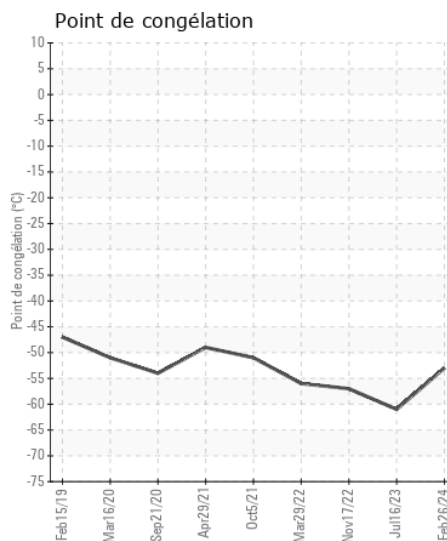
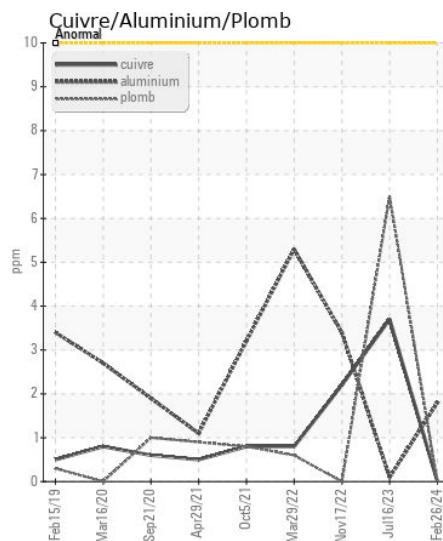
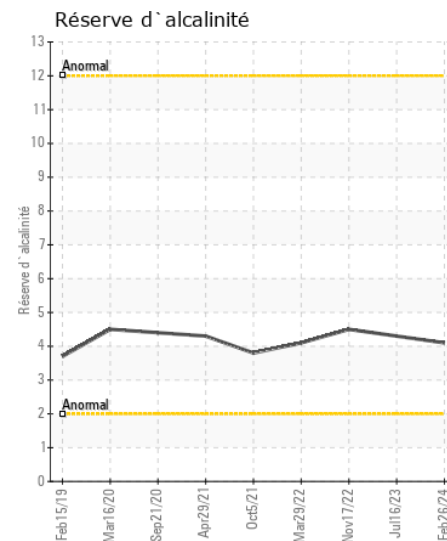
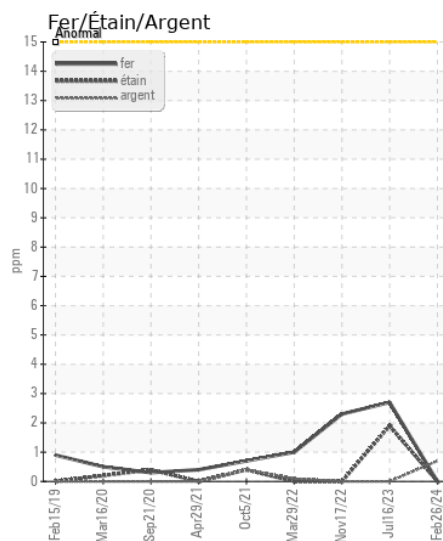
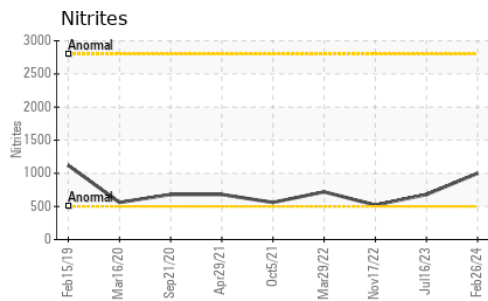
There is no indication of any contamination in the coolant.

|   |        |               |       |              |       |       |
|---|--------|---------------|-------|--------------|-------|-------|
| Calcium                                 | ppm    | ASTM D5185(m) | >100  | <b>15</b>    | 22    | 21    |
| Magnésium                               | ppm    | ASTM D5185(m) | >40   | <b>1</b>     | 3     | 3     |
| Apparence                               | scalar | Visual*       | NORML | <b>NORML</b> | NORML | NORML |
| Odeur                                   | scalar | Visual*       | NORML | <b>NORML</b> | NORML | NORML |
| Apparence du liquide de refroidissement |        | Visual*       | Clear | <b>Clear</b> | Clear | Clear |

**ÉTAT DU LIQUIDE REFROIDISSEMENT**

The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

|                                       |            |                 |          |              |       |        |
|---------------------------------------|------------|-----------------|----------|--------------|-------|--------|
| Densité                               |            | 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    |
| Réserve d'alcalinité                  | Scale 0-20 | ASTM D1121*     |          | <b>4.1</b>   | 4.3   | 4.5    |
| Pourcentage de glycol                 | %          | ASTM D3321*     | 50       | <b>64.6</b>  | 62.8  | 60.4   |
| Point de congélation                  | °C         | ASTM D3321*     | -40      | <b>-53</b>   | -61   | -57    |
| Carboxylate                           |            |                 |          | <b>---</b>   | ---   | ---    |
| Silicium                              | ppm        | ASTM D5185(m)   |          | <b>110</b>   | 126   | 84     |
| Phosphore                             | ppm        | ASTM D5185(m)   |          | <b>13</b>    | 8     | 65     |
| Bore                                  | ppm        | ASTM D5185(m)   |          | <b>122</b>   | 140   | 114    |
| Molybdène                             | 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   |
| Couleur du liquide de refroidissement |            | Visual*         | Orange/R | <b>Red</b>   | Red   | Orange |



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : WC0084373  
**N° de laboratoire** : 02618511  
**Numéro unique** : 5735621  
**Analyse** : COOL ( Additional Tests: GlycolType )

**LES ENTREPRISES MICHAUDVILLE INC.**  
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Pour discuter ce rapport, contacter le service à la clientèle au 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada.