



Machine Id  
**OR483**  
Component  
**Coolant**  
Fluid

**EXTENDED LIFE COOLANT (--- GAL)**

**RECOMMENDATION**

Le fluide peut encore servir. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

| Test          | UOM | Method      | Limit/Abn | Current            | History1    | History2    |
|---------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number |     | Client Info |           | <b>GFL0114948</b>  | GFL0089185  | GFL0089225  |
| Sample Date   |     | Client Info |           | <b>05 Apr 2024</b> | 22 Dec 2023 | 11 Nov 2023 |
| Machine Age   | hrs | Client Info |           | <b>12523</b>       | 12046       | 11770       |
| Oil Age       | hrs | Client Info |           | <b>0</b>           | 0           | 0           |
| Oil Changed   |     | Client Info |           | <b>N/A</b>         | Not Changd  | N/A         |
| Sample Status |     |             |           | <b>NORMAL</b>      | ABNORMAL    | ABNORMAL    |

**CORROSION**

Les concentrations de tous les métaux sont normales indiquant qu'il n'y a pas de corrosion dans le système de refroidissement.

|          |     |               |     |              |    |    |
|----------|-----|---------------|-----|--------------|----|----|
| Iron     | ppm | ASTM D5185(m) | >15 | <b>3</b>     | 2  | 2  |
| Aluminum | ppm | ASTM D5185(m) | >10 | <b>2</b>     | <1 | 2  |
| Copper   | ppm | ASTM D5185(m) | >10 | <b>3</b>     | 2  | 2  |
| 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>&lt;1</b> | <1 | <1 |
| Zinc     | ppm | ASTM D5185(m) | >10 | <b>5</b>     | 4  | 2  |

**CONTAMINANTS**

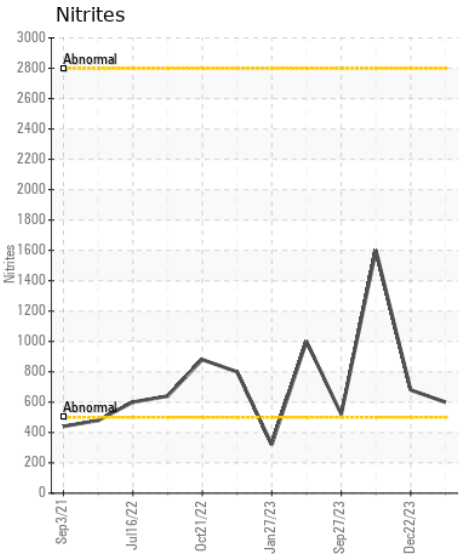
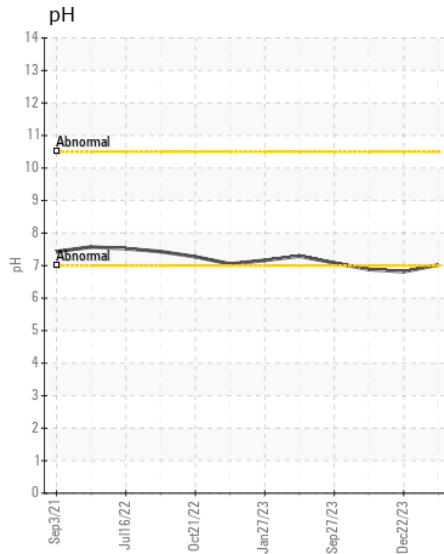
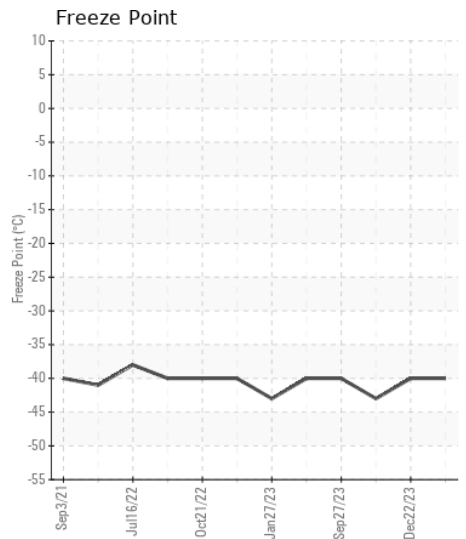
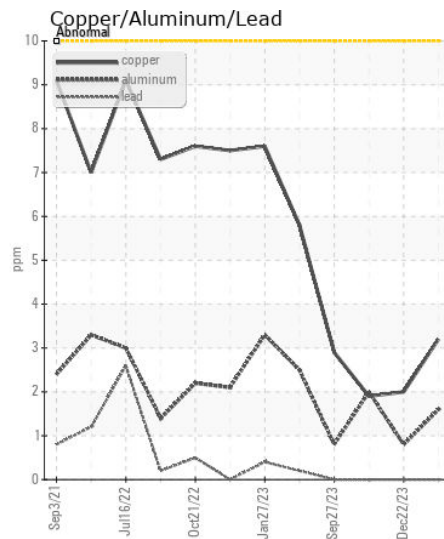
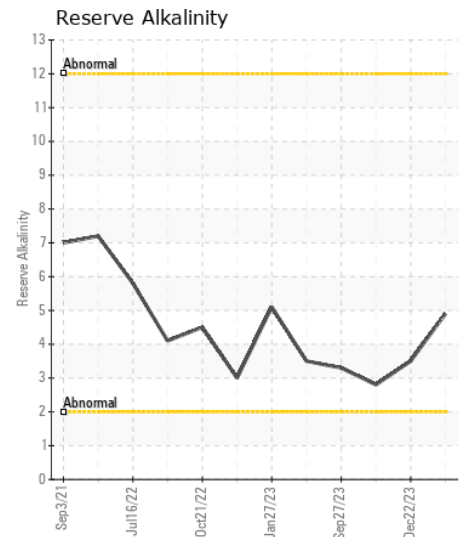
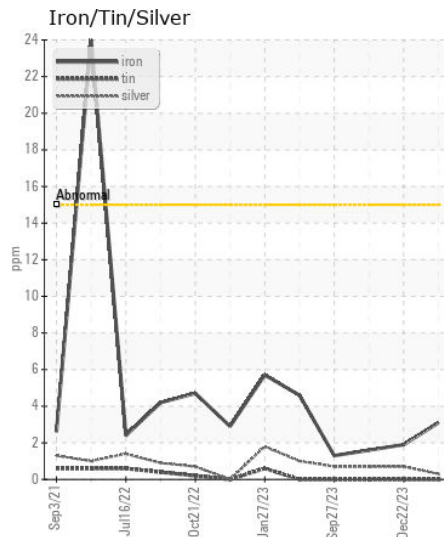
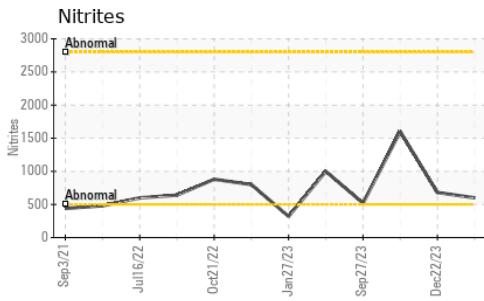
Il n'y a aucun indice de contamination dans l'agent de refroidissement.

|                    |        |               |       |              |       |       |
|--------------------|--------|---------------|-------|--------------|-------|-------|
| Calcium            | ppm    | ASTM D5185(m) | >100  | <b>7</b>     | 4     | 6     |
| Magnesium          | ppm    | ASTM D5185(m) | >40   | <b>4</b>     | 2     | 2     |
| 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**

Le niveau de nitrite est acceptable. Le niveau de pH de ce fluide est dans les limites acceptables. La réserve d'alcalinité de ce fluide est acceptable.

|                    |            |                 |          |              |        |        |
|--------------------|------------|-----------------|----------|--------------|--------|--------|
| Boiling Point      | °C         | WC Method*      |          | <b>108</b>   | ---    | ---    |
| Specific Gravity   |            | ASTM D1298*     |          | <b>1.070</b> | 1.070  | 1.071  |
| pH                 | Scale 0-14 | ASTM D1287*     | 9.0      | <b>7.02</b>  | ▲ 6.81 | ▲ 6.88 |
| Nitrites           | ppm        | Alcan Test Kit* |          | <b>600</b>   | 680    | 1600   |
| Reserve Alkalinity | Scale 0-20 | ASTM D1121*     |          | <b>4.9</b>   | 3.5    | 2.8    |
| Percentage Glycol  | %          | ASTM D3321*     | 50       | <b>52.9</b>  | 52.9   | 53.2   |
| Freezing Point     | °C         | ASTM D3321*     | -40      | <b>-40</b>   | -40    | -43    |
| Carboxylate        |            |                 |          | <b>---</b>   | ---    | ---    |
| Silicon            | ppm        | ASTM D5185(m)   |          | <b>58</b>    | 46     | 53     |
| Phosphorus         | ppm        | ASTM D5185(m)   |          | <b>39</b>    | 27     | 86     |
| Boron              | ppm        | ASTM D5185(m)   |          | <b>443</b>   | 433    | 438    |
| Molybdenum         | ppm        | ASTM D5185(m)   |          | <b>153</b>   | 151    | 157    |
| Sodium             | ppm        | ASTM D5185(m)   |          | <b>6036</b>  | 7732   | 7529   |
| Potassium          | ppm        | ASTM D5185(m)   |          | <b>1584</b>  | 2450   | 2270   |
| Coolant Color      |            | Visual*         | Orange/R | <b>Red</b>   | Red    | Red    |



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : GFL0114948  
**Lab Number** : 02628300  
**Unique Number** : 5761432  
**Test Package** : COOL ( Additional Tests: GlycolType )

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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.