



Secteur

**NATIONAL PRESS [103873]**

Identité de la machine

**37131782**

Composant

**Liquide de refroidissement**

Fluid

**HYBRID (HOAT) 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 |
|---------------------|-----|-------------|-----------|--------------------|----------|----------|
| Numéro d'échant.    |     | Client Info |           | <b>CU0021138</b>   | ---      | ---      |
| Date d'échant.      |     | Client Info |           | <b>01 Jun 2024</b> | ---      | ---      |
| Âge d la Machine    | hrs | Client Info |           | <b>500</b>         | ---      | ---      |
| Âge de l'huile      | hrs | Client Info |           | <b>0</b>           | ---      | ---      |
| Huile changée       |     | Client Info |           | <b>N/A</b>         | ---      | ---      |
| Statut de l'échant. |     |             |           | <b>NORMAL</b>      | ---      | ---      |

**CORROSION**

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

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

**CONTAMINANTS**

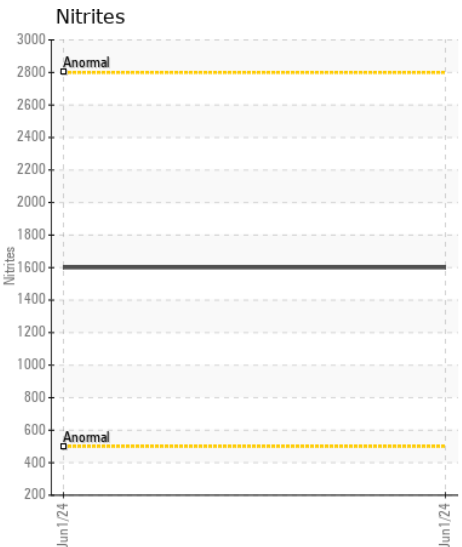
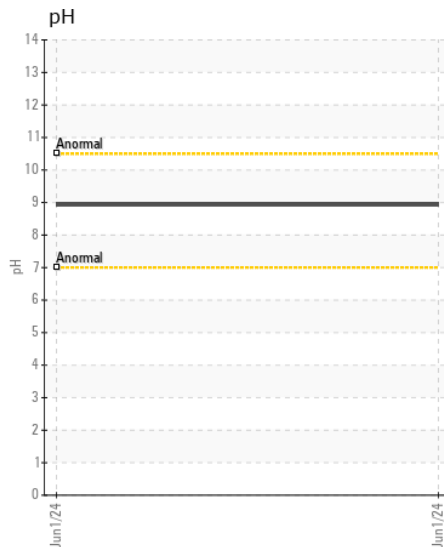
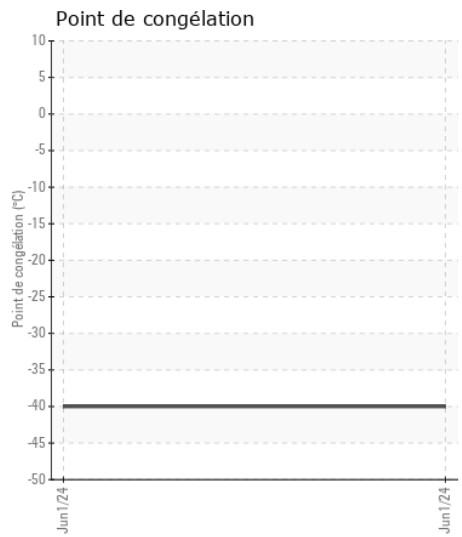
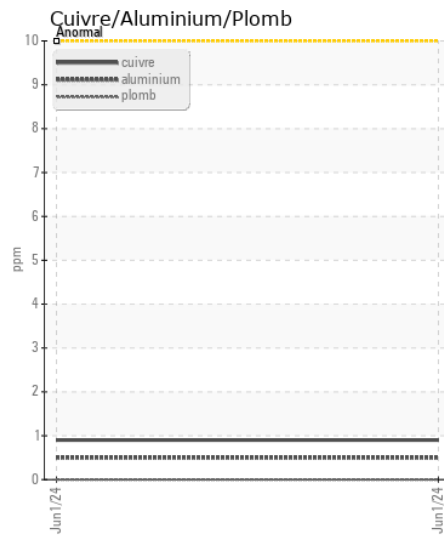
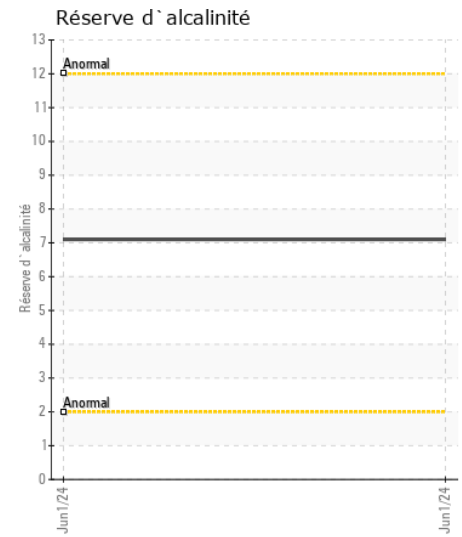
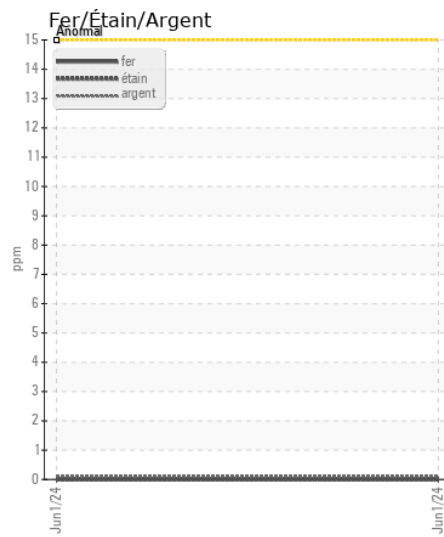
Il n'y a aucun indice de contamination dans l'agent de refroidissement.

|   |        |               |       |              |     |     |
|---|--------|---------------|-------|--------------|-----|-----|
| Calcium                                 | ppm    | ASTM D5185(m) | >100  | <b>2</b>     | --- | --- |
| Magnésium                               | ppm    | ASTM D5185(m) | >40   | <b>&lt;1</b> | --- | --- |
| Apparence                               | scalar | Visual*       | NORML | <b>NORML</b> | --- | --- |
| Odeur                                   | scalar | Visual*       | NORML | <b>NORML</b> | --- | --- |
| Apparence du liquide de refroidissement |        | Visual*       | Clear | <b>Clear</b> | --- | --- |

**ÉTAT DU LIQUIDE REFROIDISSEMENT**

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.

|                                       |            |                 |  |              |     |     |
|---------------------------------------|------------|-----------------|--|--------------|-----|-----|
| Point d'ébullition                    | °C         | WC Method*      |  | <b>108</b>   | --- | --- |
| Densité                               |            | ASTM D1298*     |  | <b>1.070</b> | --- | --- |
| pH                                    | Scale 0-14 | ASTM D1287*     |  | <b>8.93</b>  | --- | --- |
| Nitrites                              | ppm        | Alcan Test Kit* |  | <b>1600</b>  | --- | --- |
| Réserve d'alcalinité                  | Scale 0-20 | ASTM D1121*     |  | <b>7.1</b>   | --- | --- |
| Pourcentage de glycol                 | %          | ASTM D3321*     |  | <b>52.2</b>  | --- | --- |
| Point de congélation                  | °C         | ASTM D3321*     |  | <b>-40</b>   | --- | --- |
| Carboxylate                           |            |                 |  | <b>---</b>   | --- | --- |
| Silicium                              | ppm        | ASTM D5185(m)   |  | <b>43</b>    | --- | --- |
| Phosphore                             | ppm        | ASTM D5185(m)   |  | <b>728</b>   | --- | --- |
| Bore                                  | ppm        | ASTM D5185(m)   |  | <b>211</b>   | --- | --- |
| Molybdène                             | ppm        | ASTM D5185(m)   |  | <b>394</b>   | --- | --- |
| Sodium                                | ppm        | ASTM D5185(m)   |  | <b>1245</b>  | --- | --- |
| Potassium                             | ppm        | ASTM D5185(m)   |  | <b>4233</b>  | --- | --- |
| Couleur du liquide de refroidissement |            | Visual*         |  | <b>Other</b> | --- | --- |



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : CU0021138  
**N° de laboratoire** : 02640360  
**Numéro unique** : 5789522  
**Analyse** : COOL ( Additional Tests: GlycolType )

**CUMMINS EASTERN CANADA LP**  
 315 AV LIBERTE  
 CANDIAC, QC  
 CA J5R 6Z7  
 Contact:  
 TH796@cummins.com  
 T:  
 F: (450)638-6731

Pour discuter cetter 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.