



# RAPPORT D'ANALYSE D'HUILE

|                |               |
|----------------|---------------|
| USURE          | <b>NORMAL</b> |
| CONTAMINATION  | <b>NORMAL</b> |
| ÉTAT DU FLUIDE | <b>NORMAL</b> |



Secteur  
**LES ENTREPRISES FBDL INC [E02022023IJ]**  
Identité de la machine  
**CATERPILLAR 335 XBE20156**  
Composant  
**Système hydraulique Pré-rinçage**  
Fluide  
**CAT HYDO (350 LTR)**

## RECOMMANDATION

Il s'agit du relevé de base de l'échantillon soumis.

| Test                | UOM | Method      | Limit/Abn | Current            | History1    | History2 |
|---------------------|-----|-------------|-----------|--------------------|-------------|----------|
| Numéro d'échant.    |     | Client Info |           | <b>WC</b>          | WC          | ---      |
| Date d'échant.      |     | Client Info |           | <b>13 Sep 2023</b> | 28 Aug 2023 | ---      |
| Âge d la Machine    | hrs | Client Info |           | <b>10</b>          | 10          | ---      |
| Âge de l'huile      | hrs | Client Info |           | <b>0</b>           | 0           | ---      |
| Âge du filtre       | hrs | Client Info |           | <b>0</b>           | 0           | ---      |
| Huile changée       |     | Client Info |           | <b>N/A</b>         | N/A         | ---      |
| Filtre changé       |     | Client Info |           | <b>N/A</b>         | N/A         | ---      |
| Statut de l'échant. |     |             |           | <b>NORMAL</b>      | NORMAL      | ---      |

## USURE

{sans objet}

|             |        |               |      |              |      |     |
|-------------|--------|---------------|------|--------------|------|-----|
| Fer         | ppm    | ASTM D5185(m) | >20  | <b>&lt;1</b> | 1    | --- |
| Chrome      | ppm    | ASTM D5185(m) | >10  | <b>0</b>     | 0    | --- |
| Nickel      | ppm    | ASTM D5185(m) | >10  | <b>&lt;1</b> | 0    | --- |
| Titane      | ppm    | ASTM D5185(m) |      | <b>0</b>     | 0    | --- |
| Argent      | ppm    | ASTM D5185(m) |      | <b>0</b>     | 0    | --- |
| Aluminium   | ppm    | ASTM D5185(m) | >10  | <b>&lt;1</b> | <1   | --- |
| Plomb       | ppm    | ASTM D5185(m) | >10  | <b>0</b>     | 0    | --- |
| Cuivre      | ppm    | ASTM D5185(m) | >75  | <b>&lt;1</b> | 3    | --- |
| Étain       | ppm    | ASTM D5185(m) | >10  | <b>0</b>     | 0    | --- |
| Vanadium    | ppm    | ASTM D5185(m) |      | <b>0</b>     | 0    | --- |
| Métal blanc | scalar | Visual*       | NONE | <b>NONE</b>  | NONE | --- |
| Bronze      | scalar | Visual*       | NONE | <b>NONE</b>  | NONE | --- |

## CONTAMINATION

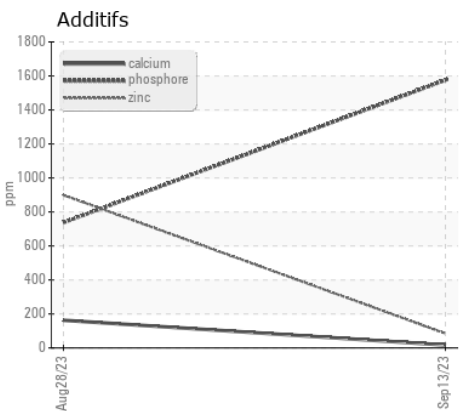
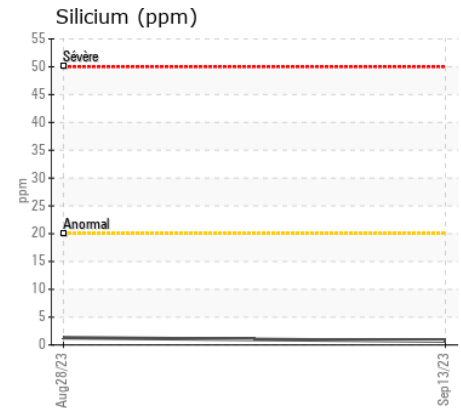
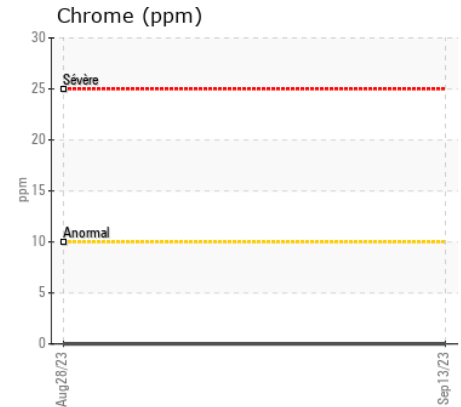
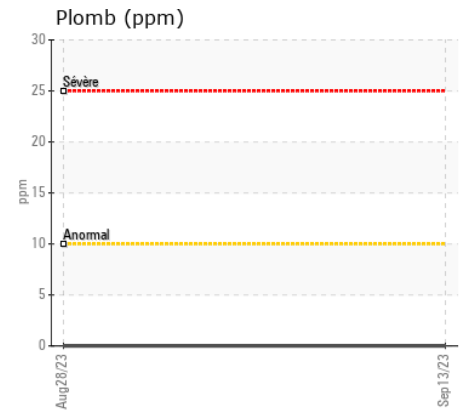
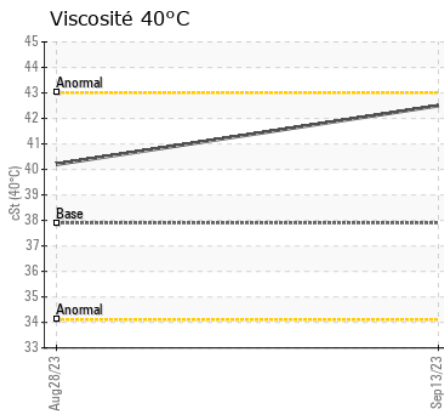
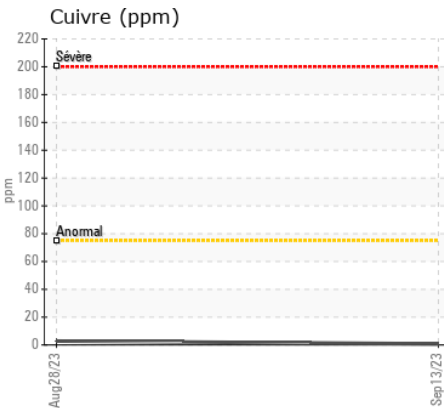
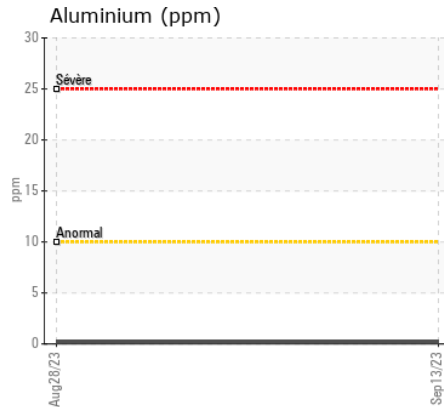
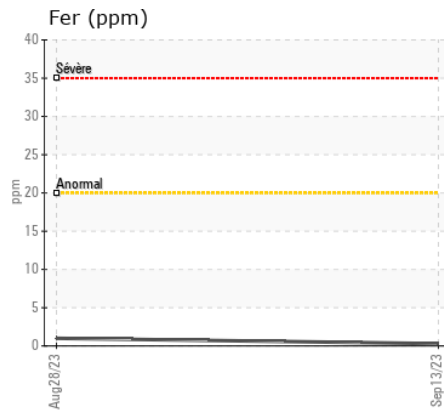
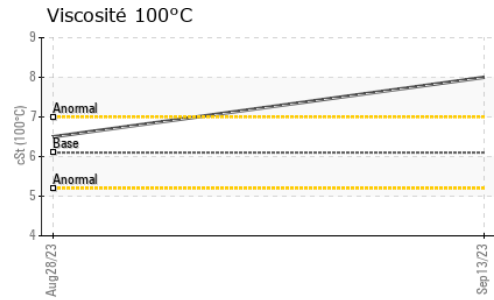
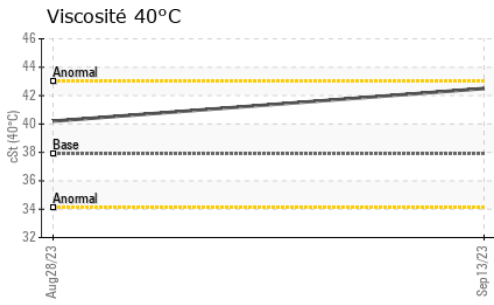
{sans objet}

|                |        |               |       |              |       |     |
|----------------|--------|---------------|-------|--------------|-------|-----|
| Silicium       | ppm    | ASTM D5185(m) | >20   | <b>&lt;1</b> | 1     | --- |
| Potassium      | ppm    | ASTM D5185(m) | >20   | <b>&lt;1</b> | <1    | --- |
| Limon          | scalar | Visual*       | NONE  | <b>NONE</b>  | NONE  | --- |
| Débris         | scalar | Visual*       | NONE  | <b>NONE</b>  | NONE  | --- |
| Saleté         | scalar | Visual*       | NONE  | <b>NONE</b>  | NONE  | --- |
| Apparence      | scalar | Visual*       | NORML | <b>NORML</b> | NORML | --- |
| Odeur          | scalar | Visual*       | NORML | <b>NORML</b> | NORML | --- |
| Eau émulsifiée | scalar | Visual*       | >0.1  | <b>NEG</b>   | NEG   | --- |

## ÉTAT DU FLUIDE

{sans objet}

|                          |       |               |      |              |      |     |
|--------------------------|-------|---------------|------|--------------|------|-----|
| Sodium                   | ppm   | ASTM D5185(m) |      | <b>&lt;1</b> | <1   | --- |
| Bore                     | ppm   | ASTM D5185(m) |      | <b>&lt;1</b> | <1   | --- |
| Baryum                   | ppm   | ASTM D5185(m) |      | <b>0</b>     | 0    | --- |
| Molybdène                | ppm   | ASTM D5185(m) |      | <b>0</b>     | <1   | --- |
| Manganèse                | ppm   | ASTM D5185(m) |      | <b>0</b>     | 0    | --- |
| Magnésium                | ppm   | ASTM D5185(m) |      | <b>&lt;1</b> | 2    | --- |
| Calcium                  | ppm   | ASTM D5185(m) |      | <b>17</b>    | 163  | --- |
| Phosphore                | ppm   | ASTM D5185(m) | 1100 | <b>1576</b>  | 737  | --- |
| Zinc                     | ppm   | ASTM D5185(m) | 1210 | <b>85</b>    | 899  | --- |
| Soufre                   | ppm   | ASTM D5185(m) |      | <b>1398</b>  | 1526 | --- |
| Visc 40°C                | cSt   | ASTM D7279(m) | 37.9 | <b>42.5</b>  | 40.2 | --- |
| Visc 100°C               | cSt   | ASTM D7279(m) | 6.1  | <b>8</b>     | 6.5  | --- |
| Indice de viscosité (VI) | Scale | ASTM D2270*   | 106  | <b>163</b>   | 112  | --- |



ISO 17025:2017  
Accredited  
Laboratory

**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : WC **Reçu** : 18 Sep 2023  
**N° de laboratoire** : 02583162 **Diagnostiqué** : 18 Sep 2023  
**Numéro unique** : 5644227 **Diagnostiqueur** : Bill Quesnel  
**Analyse** : MOB 1 ( Additional Tests: KV100, KV40, Spat, VI )

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.

**Envirolin Canada**

520 rue Adanac  
Quebec, QC  
CA G1C 7B7

Contact: Patrick Levesque  
patrick.levesque@envirolin.com

T: (418)623-1216

F: (418)660-8889