



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



Identité de la machine

**913138**

Composant

**Système hydraulique**

Fluid

**AW HYDRAULIC OIL ISO 32 (--- GAL)**

**RECOMMENDATION**

Nous avons pris note que le filtre a été remplacé au moment de l'échantillonnage. Nous vous recommandons d'échantillonner de nouveau dès que possible afin de contrôler la situation.

| Test                | UOM | Method      | Limit/Abn | Current            | History1    | History2 |
|---------------------|-----|-------------|-----------|--------------------|-------------|----------|
| Numéro d'échant.    |     | Client Info |           | <b>GFL0093660</b>  | GFL0063146  | ---      |
| Date d'échant.      |     | Client Info |           | <b>05 Mar 2024</b> | 11 Oct 2023 | ---      |
| Âge d la Machine    | hrs | Client Info |           | <b>2560</b>        | 1773        | ---      |
| 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>Changed</b>     | N/A         | ---      |
| Statut de l'échant. |     |             |           | <b>ABNORMAL</b>    | ABNORMAL    | ---      |

**USURE**

Les taux d'usure de tous les composants sont normaux.

|             |        |               |      |              |      |     |
|-------------|--------|---------------|------|--------------|------|-----|
| Fer         | ppm    | ASTM D5185(m) | >50  | <b>16</b>    | 15   | --- |
| Chrome      | ppm    | ASTM D5185(m) | >10  | <b>4</b>     | 2    | --- |
| Nickel      | ppm    | ASTM D5185(m) | >4   | <b>0</b>     | <1   | --- |
| Titane      | ppm    | ASTM D5185(m) |      | <b>0</b>     | 0    | --- |
| Argent      | ppm    | ASTM D5185(m) |      | <b>&lt;1</b> | <1   | --- |
| Aluminium   | ppm    | ASTM D5185(m) | >5   | <b>1</b>     | <1   | --- |
| Plomb       | ppm    | ASTM D5185(m) | >4   | <b>0</b>     | <1   | --- |
| Cuivre      | ppm    | ASTM D5185(m) | >15  | <b>1</b>     | 1    | --- |
| Étain       | ppm    | ASTM D5185(m) | >4   | <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**

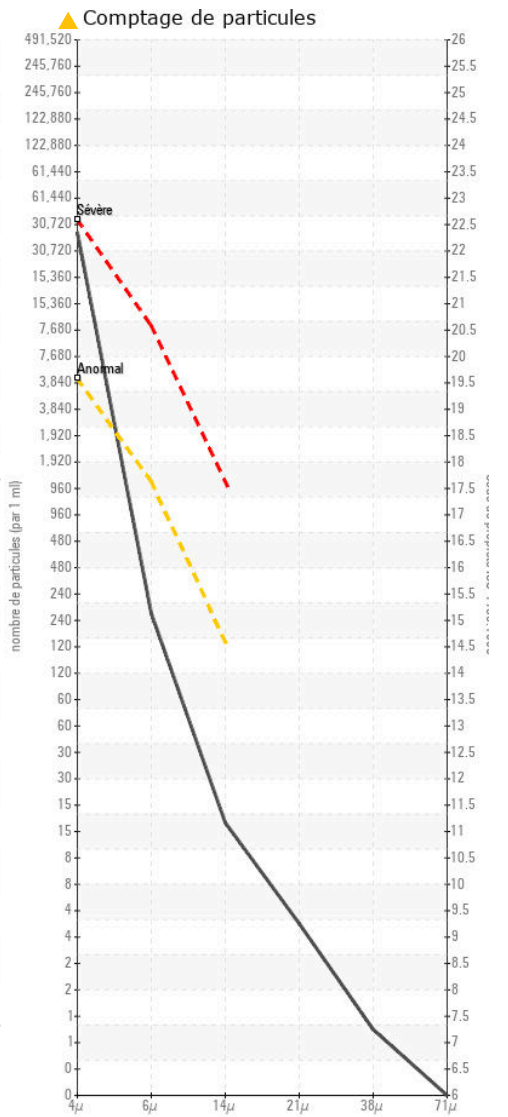
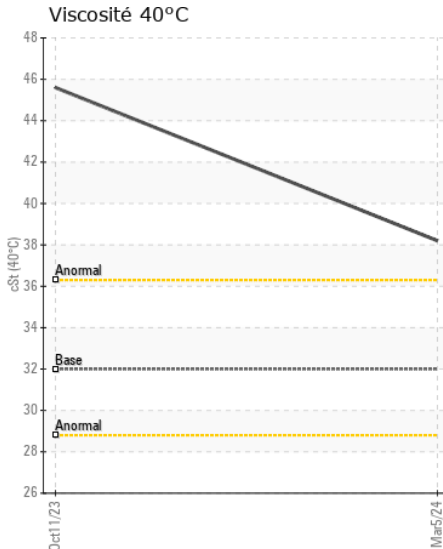
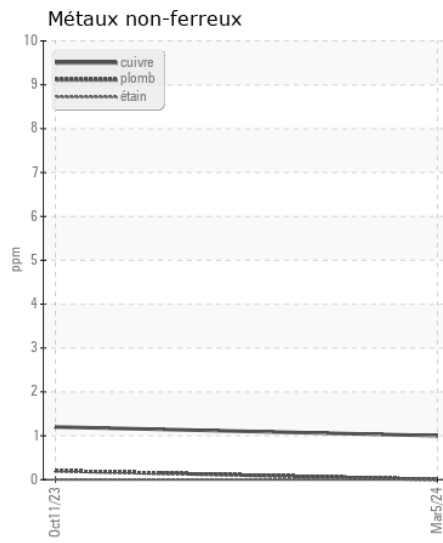
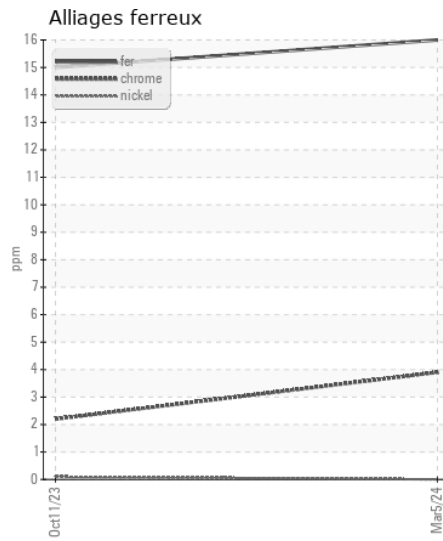
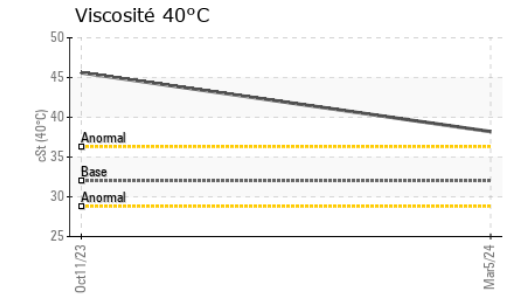
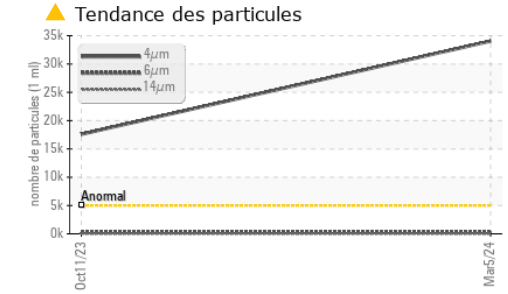
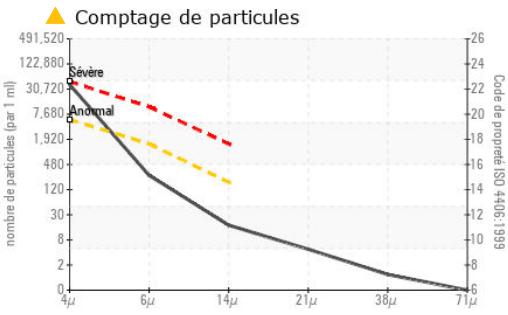
Il y a une quantité modérée de particules (de 4 à 14 microns) dans l'huile.

|                     |        |               |           |                   |            |     |
|---------------------|--------|---------------|-----------|-------------------|------------|-----|
| Silicium            | ppm    | ASTM D5185(m) | >15       | <b>2</b>          | 2          | --- |
| Potassium           | ppm    | ASTM D5185(m) | >20       | <b>2</b>          | 1          | --- |
| L'eau               |        | WC Method     | >0.1      | <b>NEG</b>        | NEG        | --- |
| Particules >4µ      |        | ASTM D7647    | >5000     | <b>▲ 34055</b>    | ▲ 17583    | --- |
| Particules >6µ      |        | ASTM D7647    | >1300     | <b>232</b>        | 330        | --- |
| Particules >14µ     |        | ASTM D7647    | >160      | <b>15</b>         | 20         | --- |
| Particules >21µ     |        | ASTM D7647    | >40       | <b>4</b>          | 4          | --- |
| Particules >38µ     |        | ASTM D7647    | >10       | <b>1</b>          | 1          | --- |
| Particules >71µ     |        | ASTM D7647    | >3        | <b>0</b>          | 1          | --- |
| Propreté de l'huile |        | ISO 4406 (c)  | >19/17/14 | <b>▲ 22/15/11</b> | ▲ 21/16/11 | --- |
| Limon               | scalar | Visual*       | NONE      | <b>NONE</b>       | NONE       | --- |
| Débris              | scalar | Visual*       | NONE      | <b>NONE</b>       | VLITE      | --- |
| 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**

La viscosité de l'huile est plus élevée que la normale. l'huile peut encore servir si la contamination peut être réduite à un niveau acceptable.

|           |     |               |      |             |        |     |
|-----------|-----|---------------|------|-------------|--------|-----|
| Sodium    | ppm | ASTM D5185(m) |      | <b>4</b>    | 3      | --- |
| Bore      | ppm | ASTM D5185(m) | 5    | <b>0</b>    | <1     | --- |
| Baryum    | ppm | ASTM D5185(m) | 5    | <b>0</b>    | 0      | --- |
| Molybdène | ppm | ASTM D5185(m) | 5    | <b>0</b>    | 0      | --- |
| Manganèse | ppm | ASTM D5185(m) |      | <b>0</b>    | 0      | --- |
| Magnésium | ppm | ASTM D5185(m) | 25   | <b>1</b>    | <1     | --- |
| Calcium   | ppm | ASTM D5185(m) | 200  | <b>47</b>   | 49     | --- |
| Phosphore | ppm | ASTM D5185(m) | 300  | <b>323</b>  | 340    | --- |
| Zinc      | ppm | ASTM D5185(m) | 370  | <b>387</b>  | 431    | --- |
| Soufre    | ppm | ASTM D5185(m) | 2500 | <b>1171</b> | 743    | --- |
| Visc 40°C | cSt | ASTM D7279(m) | 32   | <b>38.2</b> | ▲ 45.6 | --- |



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : GFL0093660  
**N° de laboratoire** : 02620877  
**Numéro unique** : 5745996  
**Analyse** : MOB 1 ( Additional Tests: PrtCount )

**GFL Environmental - 769 - Drummondville CD**  
 1005 rue Rhea  
 Drummondville, QC  
 CA J2B 8A9  
 Contact: Service Manager

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.

T:  
F: