



# RAPPORT D'ANALYSE D'HUILE

USURE

**ANORMAL**

CONTAMINATION

**NORMAL**

ÉTAT DU FLUIDE

**NORMAL**

Secteur

**MICHAUDVILLE**

Identité de la machine

**5503**

Composant

**Système hydraulique**

Fluid

**TDH FLUID SAE 75W80 (--- GAL)**

## RECOMMENDATION

We recommend that you drain the oil from the component if this has not already been done. We recommend an early resample to monitor this condition. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) TDH FLUID SAE 75W80. Please confirm. Please specify the component make and model with your next sample.

## USURE

Lead ppm levels are abnormal. Bearing and/or bushing wear is indicated.

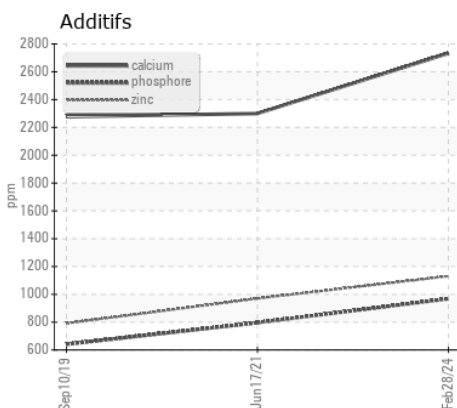
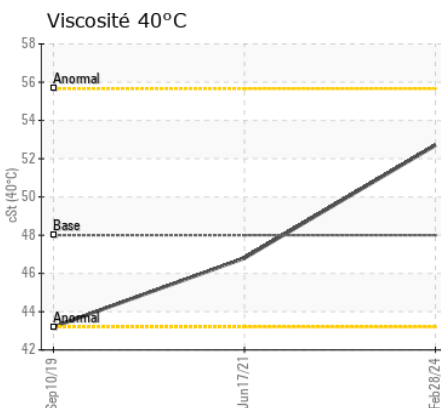
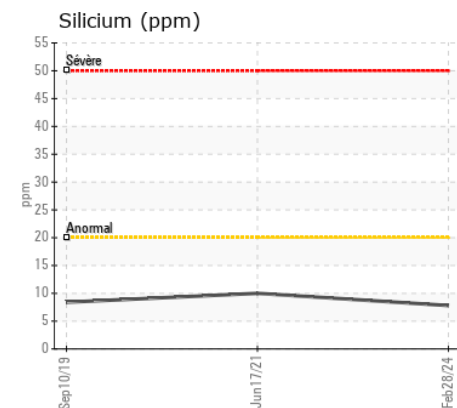
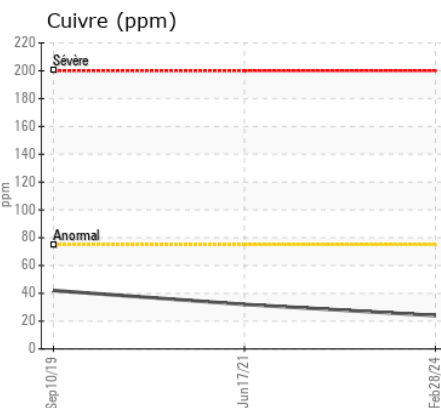
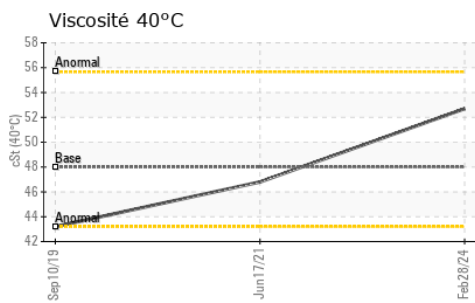
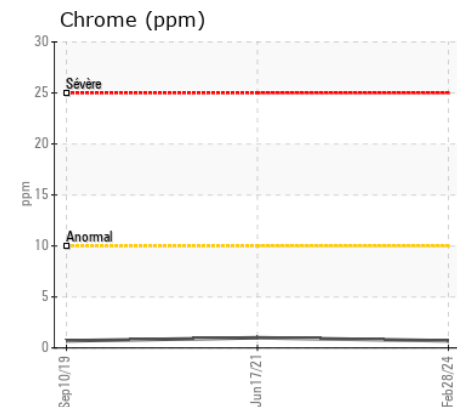
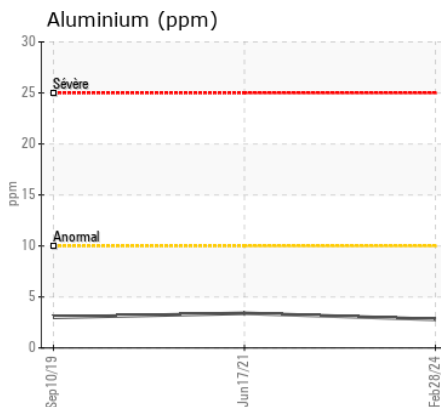
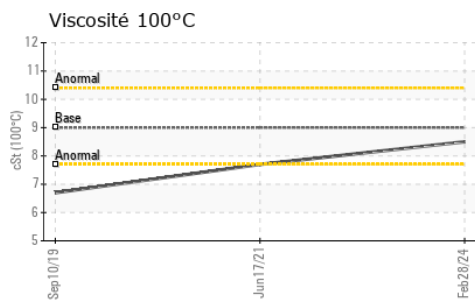
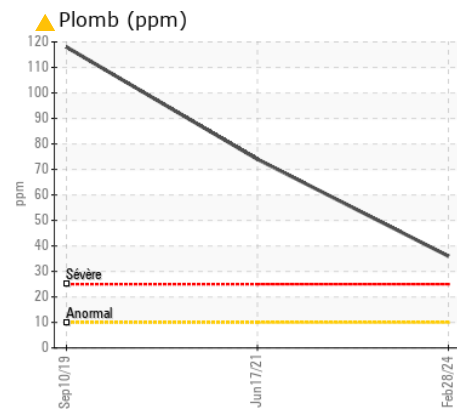
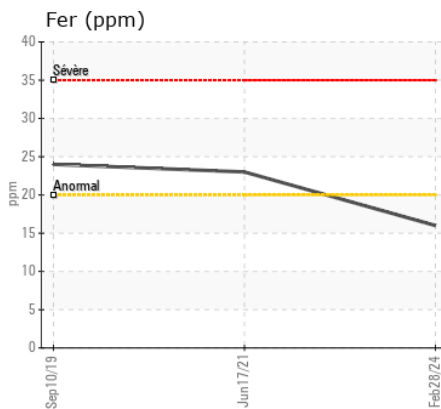
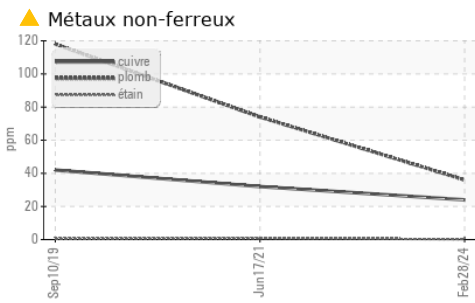
## CONTAMINATION

There is no indication of any contamination in the oil.

## ÉTAT DU FLUIDE

The oil is no longer serviceable as a result of the abnormal and/or severe wear.

| Test                     | UOM    | Method        | Limit/Abn | Current            | History1    | History2    |
|--------------------------|--------|---------------|-----------|--------------------|-------------|-------------|
| Numéro d'échant.         |        | Client Info   |           | <b>PC0084349</b>   | PC0048591   | PC0018961   |
| Date d'échant.           |        | Client Info   |           | <b>28 Feb 2024</b> | 17 Jun 2021 | 10 Sep 2019 |
| Âge d la Machine         | hrs    | Client Info   |           | <b>7652</b>        | 6367        | 5749        |
| Âge de l'huile           | hrs    | Client Info   |           | <b>0</b>           | 0           | 0           |
| Âge du filtre            | hrs    | Client Info   |           | <b>0</b>           | 0           | 0           |
| Huile changée            |        | Client Info   |           | <b>N/A</b>         | N/A         | Changed     |
| Filtre changé            |        | Client Info   |           | <b>N/A</b>         | N/A         | Changed     |
| Statut de l'échant.      |        |               |           | <b>ABNORMAL</b>    | ABNORMAL    | SEVERE      |
| Fer                      | ppm    | ASTM D5185(m) | >20       | <b>16</b>          | 23          | 24          |
| Chrome                   | ppm    | ASTM D5185(m) | >10       | <b>&lt;1</b>       | 1           | <1          |
| Nickel                   | ppm    | ASTM D5185(m) | >10       | <b>&lt;1</b>       | <1          | <1          |
| Titane                   | ppm    | ASTM D5185(m) |           | <b>0</b>           | <1          | <1          |
| Argent                   | ppm    | ASTM D5185(m) |           | <b>0</b>           | <1          | <1          |
| Aluminium                | ppm    | ASTM D5185(m) | >10       | <b>3</b>           | 3           | 3           |
| Plomb                    | ppm    | ASTM D5185(m) | >10       | <b>▲ 36</b>        | ▲ 74        | ▲ 118       |
| Cuivre                   | ppm    | ASTM D5185(m) | >75       | <b>24</b>          | 32          | 42          |
| Étain                    | ppm    | ASTM D5185(m) | >10       | <b>&lt;1</b>       | <1          | <1          |
| Vanadium                 | ppm    | ASTM D5185(m) |           | <b>0</b>           | 0           | 0           |
| Métal blanc              | scalar | Visual*       | NONE      | <b>NONE</b>        | NONE        | NONE        |
| Bronze                   | scalar | Visual*       | NONE      | <b>NONE</b>        | NONE        | NONE        |
| Silicium                 | ppm    | ASTM D5185(m) | >20       | <b>8</b>           | 10          | 8           |
| Potassium                | ppm    | ASTM D5185(m) | >20       | <b>25</b>          | 52          | 112         |
| L'eau                    |        | WC Method     | >0.1      | <b>NEG</b>         | NEG         | NEG         |
| Limon                    | scalar | Visual*       | NONE      | <b>NONE</b>        | NONE        | NONE        |
| Débris                   | scalar | Visual*       | NONE      | <b>NONE</b>        | NONE        | VLITE       |
| Saleté                   | scalar | Visual*       | NONE      | <b>NONE</b>        | LIGHT       | NONE        |
| Apparence                | scalar | Visual*       | NORML     | <b>NORML</b>       | NORML       | ▲ MILKY     |
| Odeur                    | scalar | Visual*       | NORML     | <b>NORML</b>       | NORML       | NORML       |
| Eau émulsifiée           | scalar | Visual*       | >0.1      | <b>NEG</b>         | ▲ .2%       | ▲ .2%       |
| Sodium                   | ppm    | ASTM D5185(m) |           | <b>10</b>          | 18          | 27          |
| Bore                     | ppm    | ASTM D5185(m) | 10        | <b>19</b>          | 13          | 32          |
| Baryum                   | ppm    | ASTM D5185(m) | 10        | <b>&lt;1</b>       | <1          | <1          |
| Molybdène                | ppm    | ASTM D5185(m) | 10        | <b>10</b>          | 16          | 19          |
| Manganèse                | ppm    | ASTM D5185(m) |           | <b>0</b>           | <1          | <1          |
| Magnésium                | ppm    | ASTM D5185(m) | 100       | <b>118</b>         | 113         | 74          |
| Calcium                  | ppm    | ASTM D5185(m) | 3500      | <b>2733</b>        | 2300        | 2277        |
| Phosphore                | ppm    | ASTM D5185(m) | 1150      | <b>968</b>         | 796         | 641         |
| Zinc                     | ppm    | ASTM D5185(m) | 1150      | <b>1130</b>        | 970         | 791         |
| Soufre                   | ppm    | ASTM D5185(m) | 3000      | <b>3749</b>        | 3990        | 4613        |
| Visc 40°C                | cSt    | ASTM D7279(m) | 48        | <b>52.7</b>        | 46.8        | 43.2        |
| Visc 100°C               | cSt    | ASTM D7279(m) | 9.0       | <b>8.5</b>         | 7.7         | 6.7         |
| Indice de viscosité (VI) | Scale  | ASTM D2270*   | 171       | <b>136</b>         | 131         | 108         |



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : PC0084349  
**N° de laboratoire** : 02618979  
**Numéro unique** : 5736089  
**Analyse** : MOB 1 ( Additional Tests: KV100, VI )

**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.