



Secteur

MICHAUDVILLE

Identité de la machine

1589

Composant

Transmission Manuelle

Fluide

NOT GIVEN (--- GAL)

RECOMMENDATION

We recommend that you drain the fluid from the component if this has not already been done. We recommend an early resample to monitor this condition. Please specify the component make and model with your next sample. Please specify the brand, type, and viscosity of the oil on your next sample.

USURE

Iron ppm levels are abnormal. Gear wear is indicated. The low ferrous density (PQ) index indicates the wear metal levels are due to corrosion.

CONTAMINATION

There is no indication of any contamination in the fluid.

ÉTAT DU FLUIDE

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

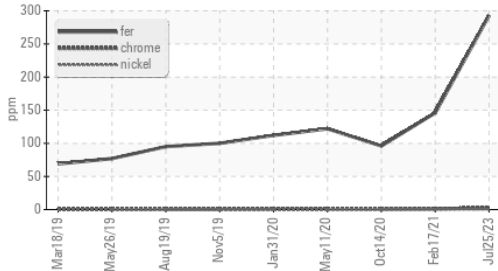
| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|---------------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Numéro d'échant. | | Client Info | | PC0077366 | PC0038840 | PC0037706 |
| Date d'échant. | | Client Info | | 25 Jul 2023 | 17 Feb 2021 | 14 Oct 2020 |
| Âge d la Machine | hrs | Client Info | | 11493 | 20361 | 417194 |
| Âge de l'huile | hrs | Client Info | | 0 | 0 | 0 |
| Âge du filtre | hrs | Client Info | | 0 | 0 | 0 |
| Huile changée | | Client Info | | N/A | Not Changd | Not Changd |
| Filtre changé | | Client Info | | N/A | Not Changd | Not Changd |
| Statut de l'échant. | | | | ABNORMAL | NORMAL | NORMAL |

| | | | | | | |
|-------------|--------|---------------|------|--------------|------|------|
| PQ | | ASTM D8184* | >95 | 13 | --- | --- |
| Fer | ppm | ASTM D5185(m) | >200 | ▲ 293 | 146 | 96 |
| Chrome | ppm | ASTM D5185(m) | >5 | 2 | 1 | <1 |
| Nickel | ppm | ASTM D5185(m) | >5 | <1 | <1 | <1 |
| Titane | ppm | ASTM D5185(m) | | <1 | <1 | <1 |
| Argent | ppm | ASTM D5185(m) | >7 | 0 | <1 | <1 |
| Aluminium | ppm | ASTM D5185(m) | >25 | 4 | 8 | 8 |
| Plomb | ppm | ASTM D5185(m) | >45 | 2 | 2 | 2 |
| Cuivre | ppm | ASTM D5185(m) | >225 | 60 | 73 | 59 |
| Étain | ppm | ASTM D5185(m) | >10 | <1 | <1 | 0 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Métal blanc | scalar | Visual* | NONE | VLITE | NONE | NONE |
| Bronze | scalar | Visual* | NONE | NONE | NONE | NONE |

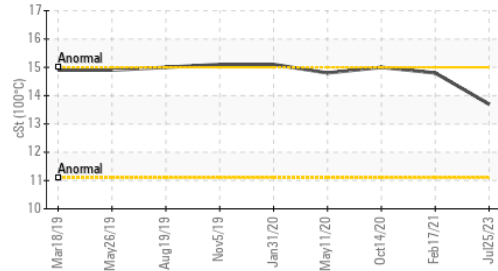
| | | | | | | |
|----------------|--------|---------------|-------|--------------|-------|-------|
| Silicium | ppm | ASTM D5185(m) | >125 | 4 | 17 | 22 |
| Potassium | ppm | ASTM D5185(m) | >20 | 24 | 3 | 2 |
| Limon | scalar | Visual* | NONE | NONE | LIGHT | LIGHT |
| Débris | scalar | Visual* | NONE | VLITE | NONE | NONE |
| Saleté | scalar | Visual* | NONE | NONE | NONE | NONE |
| Apparence | scalar | Visual* | NORML | NORML | NORML | NORML |
| Odeur | scalar | Visual* | NORML | NORML | NORML | NORML |
| Eau émulsifiée | scalar | Visual* | >0.1 | NEG | NEG | NEG |

| | | | | | | |
|--------------------------|-------|---------------|--|-------------|------|------|
| Sodium | ppm | ASTM D5185(m) | | 86 | 6 | 5 |
| Bore | ppm | ASTM D5185(m) | | 210 | 250 | 249 |
| Baryum | ppm | ASTM D5185(m) | | 5 | <1 | <1 |
| Molybdène | ppm | ASTM D5185(m) | | 3 | <1 | <1 |
| Manganèse | ppm | ASTM D5185(m) | | 35 | 3 | 2 |
| Magnésium | ppm | ASTM D5185(m) | | 9 | 2 | 2 |
| Calcium | ppm | ASTM D5185(m) | | 56 | 60 | 59 |
| Phosphore | ppm | ASTM D5185(m) | | 1044 | 1147 | 1166 |
| Zinc | ppm | ASTM D5185(m) | | 132 | 21 | 20 |
| Soufre | ppm | ASTM D5185(m) | | 508 | 468 | 428 |
| Visc 40°C | cSt | ASTM D7279(m) | | 91.0 | 97.9 | 98.0 |
| Visc 100°C | cSt | ASTM D7279(m) | | 13.7 | 14.8 | 15.0 |
| Indice de viscosité (VI) | Scale | ASTM D2270* | | 153 | 157 | 160 |

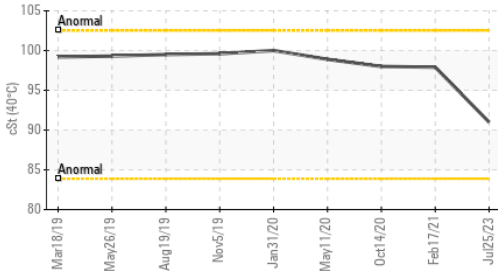
▲ **Alliages ferreux**



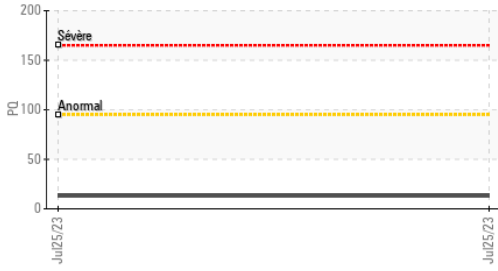
Viscosité 100°C



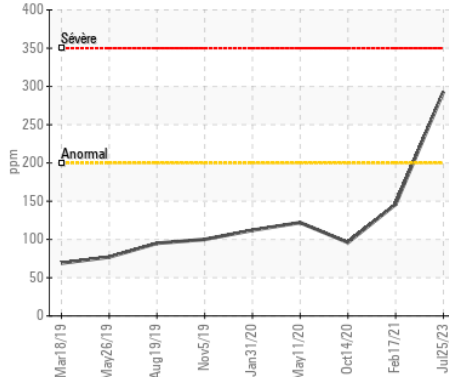
Viscosité 40°C



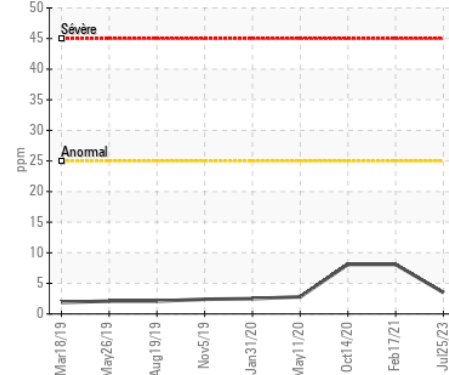
PQ



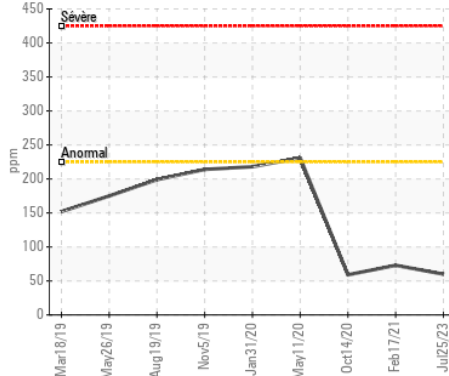
▲ **Fer (ppm)**



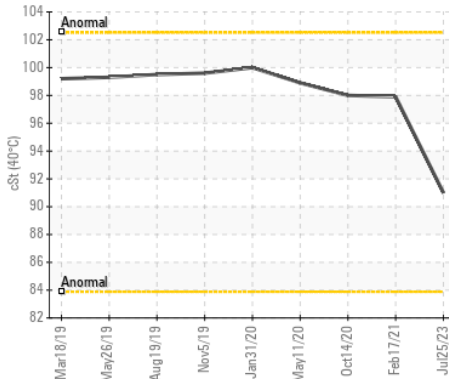
Aluminium (ppm)



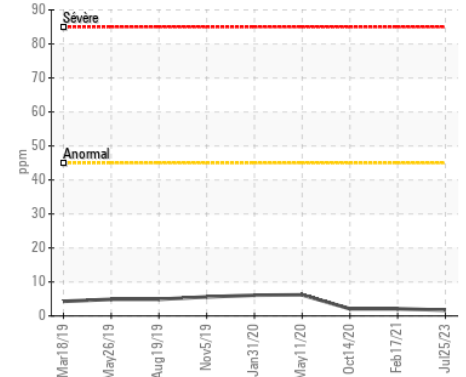
Cuivre (ppm)



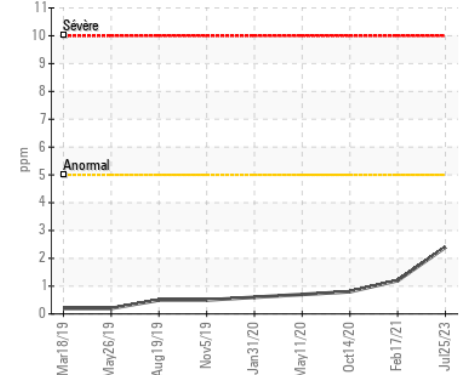
Viscosité 40°C



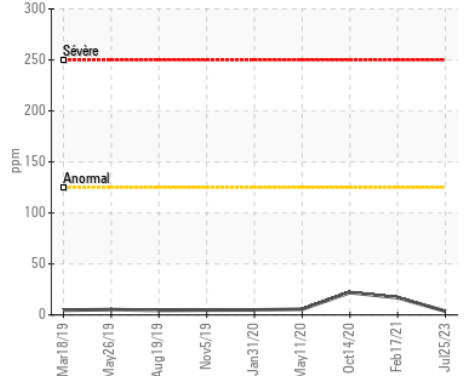
Plomb (ppm)



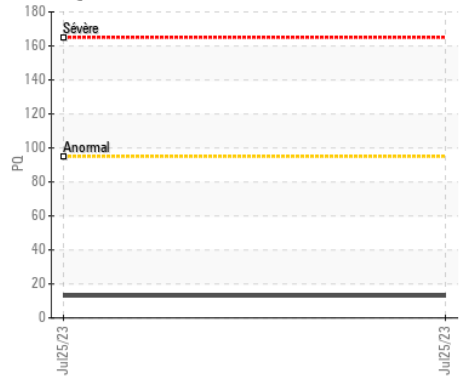
Chrome (ppm)



Silicium (ppm)



PQ



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 **LES ENTREPRISES MICHAUVILLE INC.**
N° d'échantillon : PC0077366 **Reçu** : 26 Jul 2023 270 RUE BRUNET
N° de laboratoire : 02572423 **Diagnostiqué** : 27 Jul 2023 MONT ST-HILAIRE, QC
Numéro unique : 5617474 **Diagnostiqueur** : Kevin Marson CA J3H 0M6
Analyse : MOB 1 (Additional Tests: KV100, PQ, VI) Contact: Martin Trudel
 mtrudel@michaudville.com

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. T:
 La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada. F: