



Identité de la machine

F15107

Composant

Moteur diesel

Fluid

DIESEL ENGINE OIL SAE 5W40 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the component make and model with your next sample.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|---------------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Numéro d'échant. | | Client Info | | PC0082957 | PC0071000 | PC0060617 |
| Date d'échant. | | Client Info | | 11 Jun 2024 | 08 Aug 2023 | 10 Jul 2022 |
| Âge d la Machine | hrs | Client Info | | 5441 | 4921 | 3795 |
| 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 | N/A | N/A |
| Filtre changé | | Client Info | | N/A | N/A | N/A |
| Statut de l'échant. | | | | NORMAL | NORMAL | NORMAL |

USURE

All component wear rates are normal.

| | | | | | | |
|-----------|-----|---------------|------|--------------|----|----|
| Fer | ppm | ASTM D5185(m) | >100 | 31 | 19 | 28 |
| Chrome | ppm | ASTM D5185(m) | >20 | <1 | 1 | 2 |
| Nickel | ppm | ASTM D5185(m) | >4 | 0 | 0 | 0 |
| Titane | ppm | ASTM D5185(m) | | 0 | 0 | <1 |
| Argent | ppm | ASTM D5185(m) | >3 | 0 | <1 | 0 |
| Aluminium | ppm | ASTM D5185(m) | >20 | 3 | 4 | 7 |
| Plomb | ppm | ASTM D5185(m) | >40 | <1 | 1 | 2 |
| Cuivre | ppm | ASTM D5185(m) | >330 | <1 | <1 | <1 |
| Étain | ppm | ASTM D5185(m) | >15 | 0 | <1 | <1 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |

CONTAMINATION

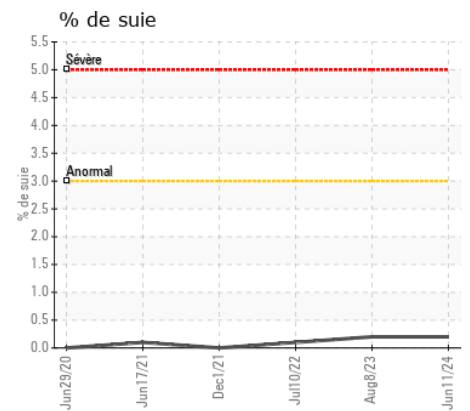
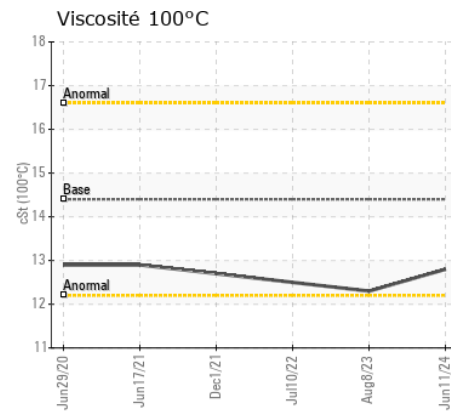
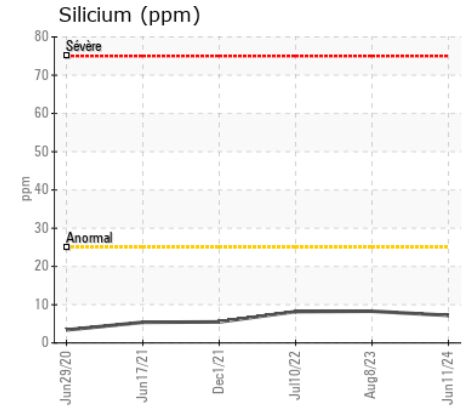
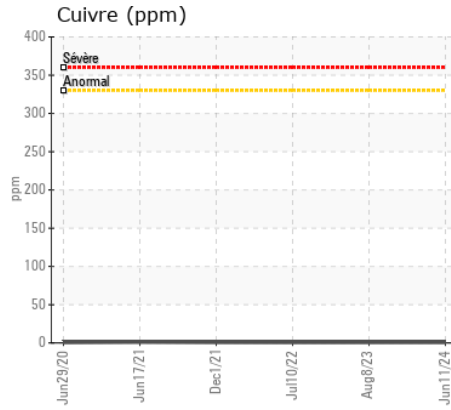
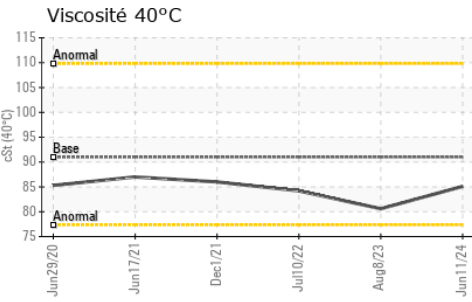
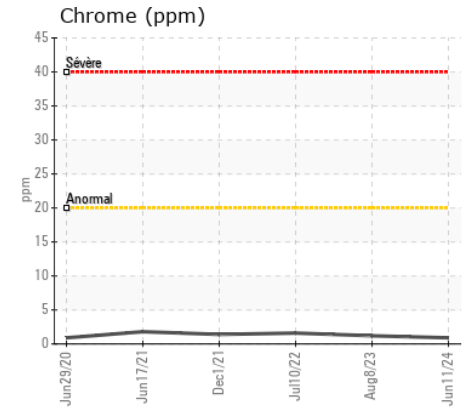
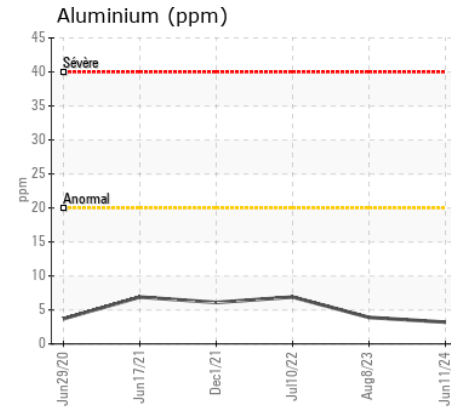
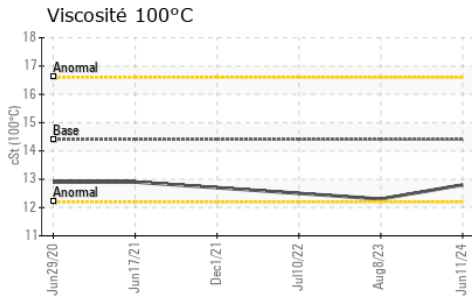
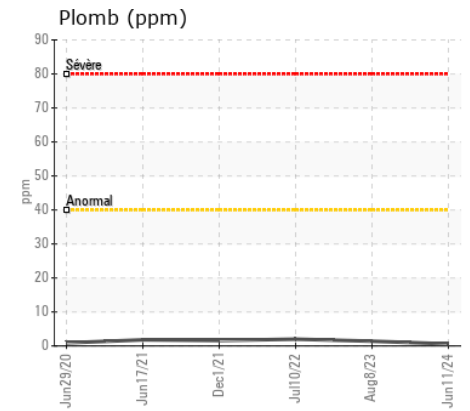
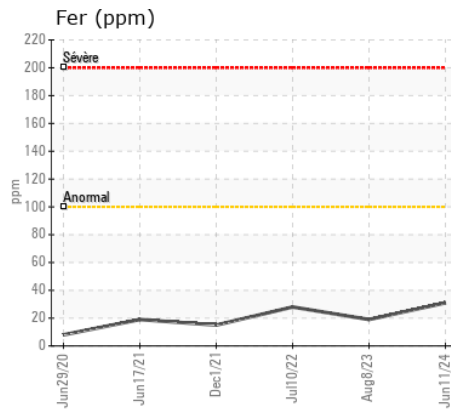
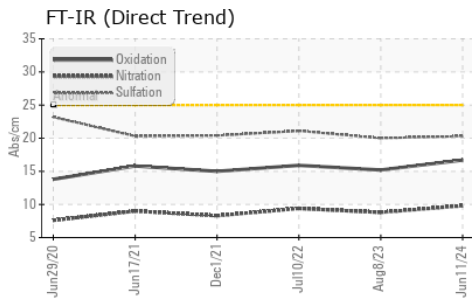
There is no indication of any contamination in the oil.

| | | | | | | |
|----------------|----------|---------------|------|----------------|------|------|
| Silicium | ppm | ASTM D5185(m) | >25 | 7 | 8 | 8 |
| Potassium | ppm | ASTM D5185(m) | >20 | 4 | 6 | 12 |
| Essence | | WC Method | >5 | <1.0 | <1.0 | <1.0 |
| L'eau | | WC Method | >0.2 | NEG | NEG | NEG |
| Glycol | | WC Method | | NEG | NEG | NEG |
| % de suie | % | ASTM D7844* | >3 | 0.2 | 0.2 | 0.1 |
| Nitration | Abs/cm | ASTM D7624* | >20 | 9.8 | 8.8 | 9.4 |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 20.3 | 20.0 | 21.1 |
| Eau émulsifiée | scalar | Visual* | >0.2 | NEG | NEG | NEG |

ÉTAT DU FLUIDE

The condition of the oil is acceptable for the time in service.

| | | | | | | |
|--------------------------|----------|---------------|------|--------------|------|------|
| Sodium | ppm | ASTM D5185(m) | >44 | 4 | 5 | 5 |
| Bore | ppm | ASTM D5185(m) | 250 | 2 | 7 | 4 |
| Baryum | ppm | ASTM D5185(m) | 10 | 0 | 0 | 0 |
| Molybdène | ppm | ASTM D5185(m) | 100 | 58 | 59 | 56 |
| Manganèse | ppm | ASTM D5185(m) | | <1 | <1 | <1 |
| Magnésium | ppm | ASTM D5185(m) | 450 | 942 | 924 | 941 |
| Calcium | ppm | ASTM D5185(m) | 3000 | 1088 | 1099 | 1213 |
| Phosphore | ppm | ASTM D5185(m) | 1150 | 985 | 1024 | 1020 |
| Zinc | ppm | ASTM D5185(m) | 1350 | 1174 | 1165 | 1235 |
| Soufre | ppm | ASTM D5185(m) | 4250 | 2458 | 2475 | 2601 |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 16.7 | 15.2 | 15.9 |
| Visc 40°C | cSt | ASTM D7279(m) | 91 | 85.1 | 80.6 | 84.2 |
| Visc 100°C | cSt | ASTM D7279(m) | 14.4 | 12.8 | 12.3 | 12.5 |
| Indice de viscosité (VI) | Scale | ASTM D2270* | 164 | 149 | 149 | 145 |



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0082957
N° de laboratoire : 02641366
Numéro unique : 5798905
Analyse : MOB 1 (Additional Tests: KV40, VI)
Reçu : 12 Jun 2024
Tested : 12 Jun 2024
Diagnostiqué : 12 Jun 2024 - Wes Davis

LES ENTREPRISES MICHAUVILLE 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.

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