



POWER SYSTEMS
SYSTÈMES DE PUISSANCE

RAPPORT D'ANALYSE D'HUILE

| | |
|----------------|---------------|
| USURE | NORMAL |
| CONTAMINATION | NORMAL |
| ÉTAT DU FLUIDE | NORMAL |

Secteur

ITR LABORATOIRE

Identité de la machine

CATOD500PRK500113

Composant

Moteur diesel

Fluid

DIESEL ENGINE OIL SAE 15W40 (--- GAL)

RECOMMANDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|---------------------|-----|-------------|-----------|--------------------|-------------|----------|
| Numéro d'échant. | | Client Info | | WA0021377 | GD0005504 | --- |
| Date d'échant. | | Client Info | | 23 May 2024 | 24 Mar 2023 | --- |
| Âge d la Machine | hrs | Client Info | | 0 | 30 | --- |
| Âge de l'huile | hrs | Client Info | | 1 | 0 | --- |
| Âge du filtre | hrs | Client Info | | 1 | 0 | --- |
| Huile changée | | Client Info | | Changed | Changed | --- |
| Filtre changé | | Client Info | | Changed | Changed | --- |
| Statut de l'échant. | | | | NORMAL | ABNORMAL | --- |

USURE

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

| | | | | | | |
|-----------|-----|---------------|------|--------------|----|-----|
| Fer | ppm | ASTM D5185(m) | >100 | 7 | 8 | --- |
| Chrome | ppm | ASTM D5185(m) | >20 | 0 | 0 | --- |
| Nickel | ppm | ASTM D5185(m) | >2 | <1 | <1 | --- |
| Titane | ppm | ASTM D5185(m) | >2 | 0 | <1 | --- |
| Argent | ppm | ASTM D5185(m) | >2 | 0 | 0 | --- |
| Aluminium | ppm | ASTM D5185(m) | >25 | 1 | 3 | --- |
| Plomb | ppm | ASTM D5185(m) | >40 | 1 | 4 | --- |
| Cuivre | ppm | ASTM D5185(m) | >330 | 6 | 12 | --- |
| Étain | ppm | ASTM D5185(m) | >15 | <1 | 2 | --- |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | --- |

CONTAMINATION

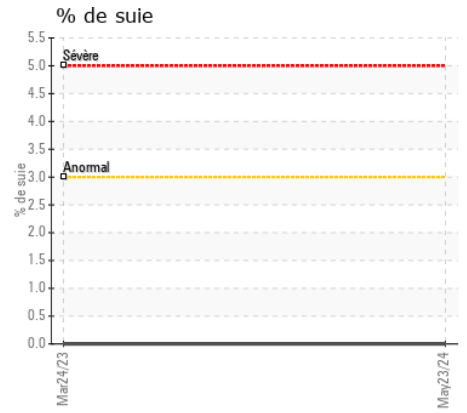
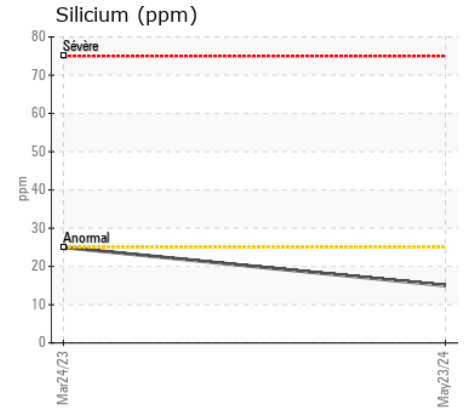
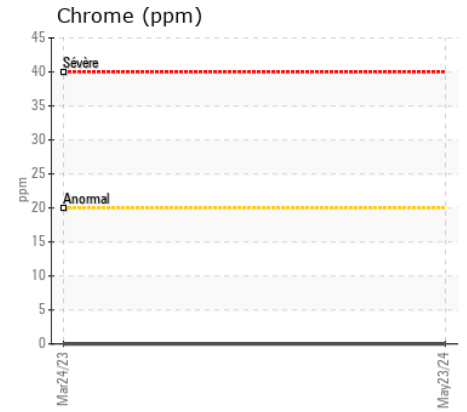
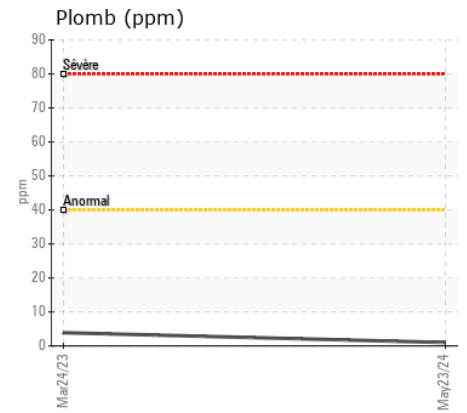
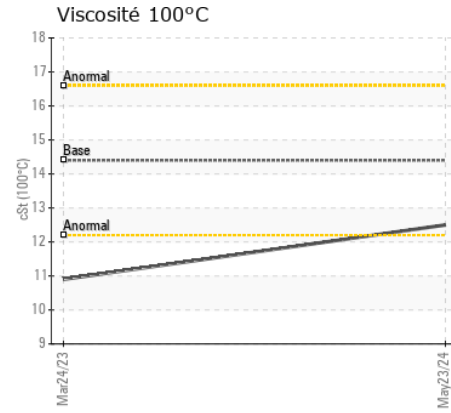
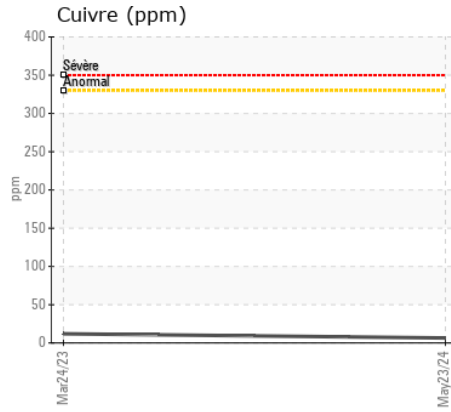
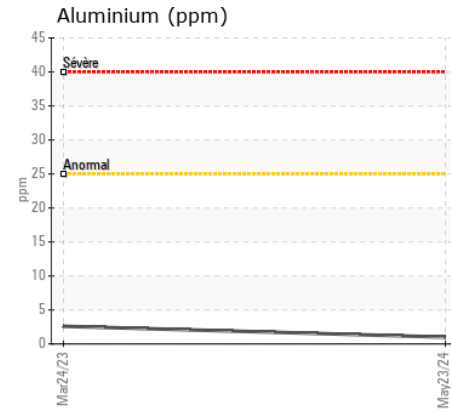
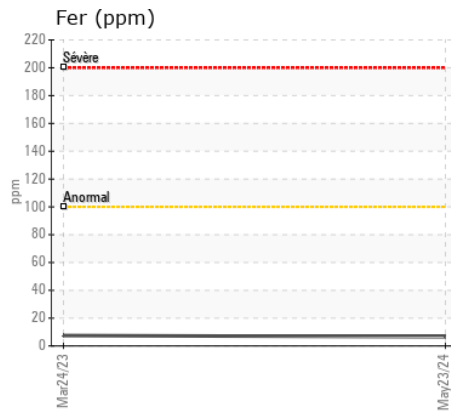
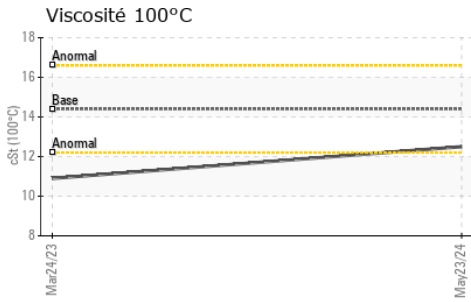
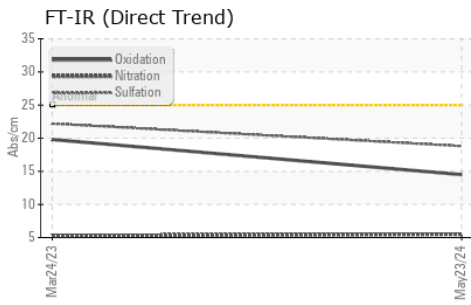
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|------|----------------|------|-----|
| Silicium | ppm | ASTM D5185(m) | >25 | 15 | 25 | --- |
| Potassium | ppm | ASTM D5185(m) | >20 | <1 | 1 | --- |
| Essence | | WC Method | >5 | <1.0 | 1.6 | --- |
| L'eau | | WC Method | >0.2 | NEG | NEG | --- |
| Glycol | | WC Method | | NEG | NEG | --- |
| % de suie | % | ASTM D7844* | >3 | 0 | 0 | --- |
| Nitration | Abs/cm | ASTM D7624* | >20 | 5.5 | 5.3 | --- |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 18.8 | 22.2 | --- |
| Eau émulsifiée | scalar | Visual* | >0.2 | NEG | NEG | --- |

ÉTAT DU FLUIDE

L'état de l'huile est acceptable pour la durée de service.

| | | | | | | |
|------------|----------|---------------|------|--------------|--------|-----|
| Sodium | ppm | ASTM D5185(m) | >158 | 1 | 5 | --- |
| Bore | ppm | ASTM D5185(m) | 250 | 9 | 60 | --- |
| Baryum | ppm | ASTM D5185(m) | 10 | 1 | 8 | --- |
| Molybdène | ppm | ASTM D5185(m) | 100 | 59 | 38 | --- |
| Manganèse | ppm | ASTM D5185(m) | | <1 | 3 | --- |
| Magnésium | ppm | ASTM D5185(m) | 450 | 906 | 474 | --- |
| Calcium | ppm | ASTM D5185(m) | 3000 | 1107 | 1661 | --- |
| Phosphore | ppm | ASTM D5185(m) | 1150 | 1018 | 981 | --- |
| Zinc | ppm | ASTM D5185(m) | 1350 | 1148 | 1037 | --- |
| Soufre | ppm | ASTM D5185(m) | 4250 | 2596 | 2488 | --- |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 14.5 | 19.8 | --- |
| Visc 100°C | cSt | ASTM D7279(m) | 14.4 | 12.5 | ▲ 10.9 | --- |



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : WA0021377
N° de laboratoire : 02642874
Numéro unique : 5800413
Analyse : MOB 1

Reçu : 19 Jun 2024
Tested : 19 Jun 2024
Diagnostiqué : 19 Jun 2024 - Wes Davis

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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.