



POWER SYSTEMS
SYSTÈMES DE PUISSANCE

RAPPORT D'ANALYSE D'HUILE

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

Secteur

BELL CANADA
Identité de la machine
GD-11168BCG

Composant

Moteur diesel

Fluid

APRIL SUPERFLO GOLD K 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 | | WA0020980 | GD005167 | GD0003729 |
| Date d'échant. | | Client Info | | 15 Feb 2024 | 31 Jul 2023 | 26 Apr 2023 |
| Âge d la Machine | hrs | Client Info | | 529 | 514 | 511 |
| Âge de l'huile | hrs | Client Info | | 0 | 0 | 0 |
| Âge du filtre | hrs | Client Info | | 0 | 0 | 0 |
| Huile changée | | Client Info | | Not Chngd | Not Chngd | Not Chngd |
| Filtre changé | | Client Info | | Not Chngd | Not Chngd | Not Chngd |
| Statut de l'échant. | | | | NORMAL | NORMAL | MARGINAL |

USURE

Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant.

| | | | | | | |
|-----------|-----|---------------|------|--------------|----|----|
| Fer | ppm | ASTM D5185(m) | >90 | 3 | 2 | 2 |
| Chrome | ppm | ASTM D5185(m) | >20 | 0 | 0 | 0 |
| Nickel | ppm | ASTM D5185(m) | >2 | 0 | 0 | <1 |
| Titane | ppm | ASTM D5185(m) | >2 | 0 | 0 | 0 |
| Argent | ppm | ASTM D5185(m) | >2 | 0 | 0 | 0 |
| Aluminium | ppm | ASTM D5185(m) | >20 | 1 | <1 | <1 |
| Plomb | ppm | ASTM D5185(m) | >40 | 2 | 2 | 2 |
| Cuivre | ppm | ASTM D5185(m) | >330 | 2 | 1 | 2 |
| Étain | ppm | ASTM D5185(m) | >15 | <1 | 0 | <1 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |

CONTAMINATION

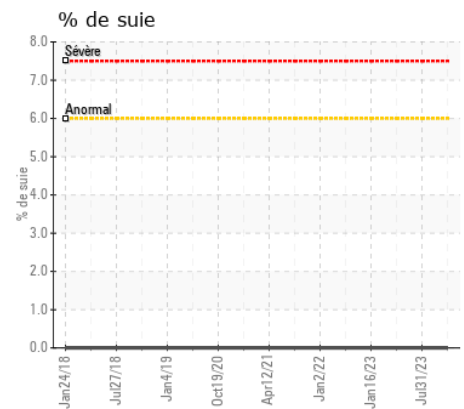
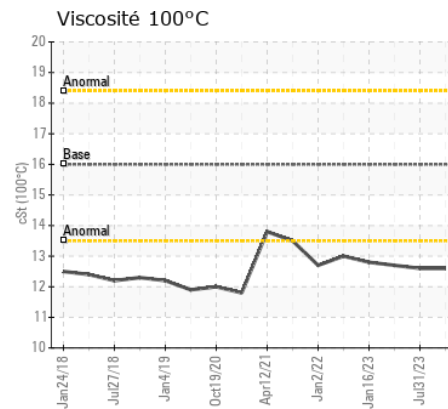
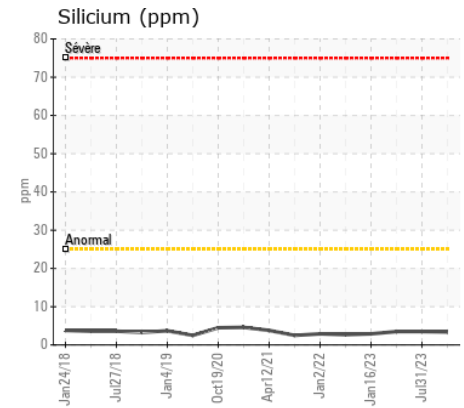
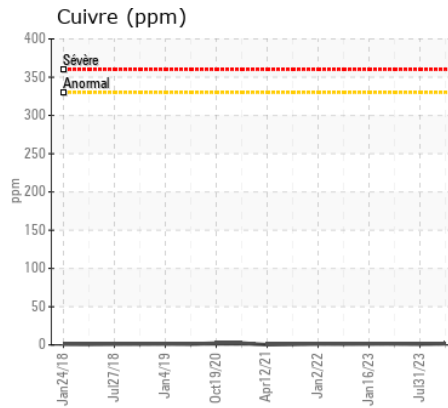
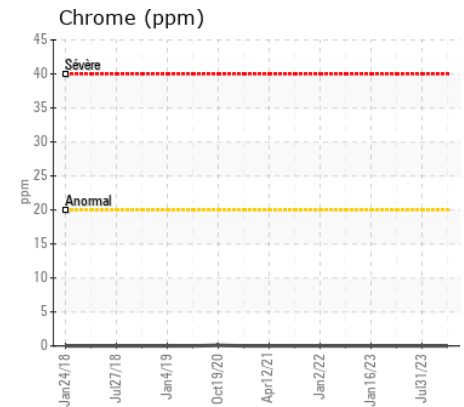
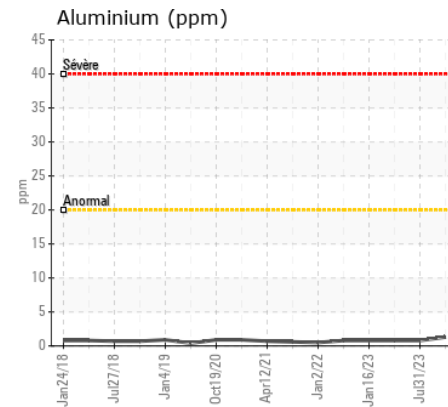
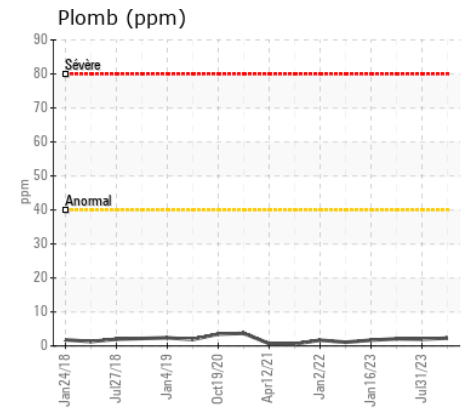
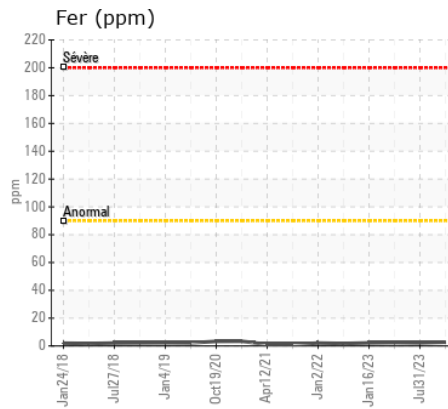
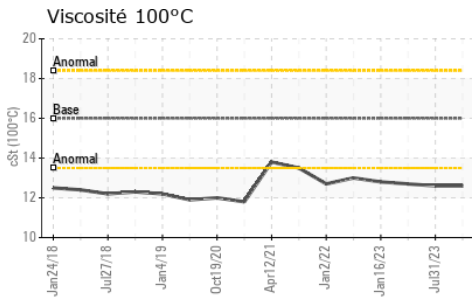
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|------|----------------|------|-------|
| Silicium | ppm | ASTM D5185(m) | >25 | 3 | 4 | 4 |
| Potassium | ppm | ASTM D5185(m) | >20 | <1 | <1 | <1 |
| Essence | | WC Method | >3.0 | <1.0 | <1.0 | ▲ 2.7 |
| L'eau | | WC Method | >0.2 | NEG | NEG | NEG |
| Glycol | | WC Method | | NEG | NEG | NEG |
| % de suie | % | ASTM D7844* | >6 | 0 | 0 | 0 |
| Nitration | Abs/cm | ASTM D7624* | >20 | 5.2 | 5.3 | 4.9 |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 17.7 | 17.4 | 17.2 |
| Eau émulsifiée | scalar | Visual* | >0.2 | NEG | NEG | NEG |

ÉTAT DU FLUIDE

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

| | | | | | | |
|------------|----------|---------------|------|--------------|------|------|
| Sodium | ppm | ASTM D5185(m) | | 1 | 2 | 2 |
| Bore | ppm | ASTM D5185(m) | 34 | <1 | <1 | <1 |
| Baryum | ppm | ASTM D5185(m) | 0 | 0 | 0 | 0 |
| Molybdène | ppm | ASTM D5185(m) | 70 | 58 | 57 | 57 |
| Manganèse | ppm | ASTM D5185(m) | | 0 | <1 | <1 |
| Magnésium | ppm | ASTM D5185(m) | 640 | 948 | 975 | 965 |
| Calcium | ppm | ASTM D5185(m) | 1410 | 1058 | 1039 | 1092 |
| Phosphore | ppm | ASTM D5185(m) | 1020 | 1050 | 1112 | 1109 |
| Zinc | ppm | ASTM D5185(m) | 1170 | 1181 | 1204 | 1199 |
| Soufre | ppm | ASTM D5185(m) | 2930 | 2836 | 2706 | 2755 |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 13.1 | 12.8 | 12.4 |
| Visc 100°C | cSt | ASTM D7279(m) | 16.0 | 12.6 | 12.6 | 12.7 |



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

N° d'échantillon : WA0020980

N° de laboratoire : 02616988

Numéro unique : 5734098

Analyse : MOB 1

Reçu : 21 Feb 2024

Tested : 22 Feb 2024

Diagnostiqué : 22 Feb 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.