



**POWER SYSTEMS**  
**SYSTÈMES DE PUISSANCE**

RAPPORT D'ANALYSE D'HUILE

|                |               |
|----------------|---------------|
| USURE          | <b>NORMAL</b> |
| CONTAMINATION  | <b>NORMAL</b> |
| ÉTAT DU FLUIDE | <b>NORMAL</b> |

Secteur

**WAJAX**

Identité de la machine

**DETROIT GD10689B**

Composant

**Moteur diesel**

Fluid

**DIESEL ENGINE OIL SAE 40 (--- 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 |           | <b>WA0020970</b>   | GD0005500   | ---      |
| Date d'échant.      |     | Client Info |           | <b>13 Mar 2024</b> | 22 Mar 2023 | ---      |
| Âge d la Machine    | hrs | Client Info |           | <b>1763</b>        | 1739        | ---      |
| Âge de l'huile      | hrs | Client Info |           | <b>0</b>           | 0           | ---      |
| Âge du filtre       | hrs | Client Info |           | <b>0</b>           | 0           | ---      |
| Huile changée       |     | Client Info |           | <b>Changed</b>     | Changed     | ---      |
| Filtre changé       |     | Client Info |           | <b>Changed</b>     | Changed     | ---      |
| Statut de l'échant. |     |             |           | <b>NORMAL</b>      | NORMAL      | ---      |

**USURE**

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

|           |     |               |      |          |    |     |
|-----------|-----|---------------|------|----------|----|-----|
| Fer       | ppm | ASTM D5185(m) | >200 | <b>1</b> | 2  | --- |
| Chrome    | ppm | ASTM D5185(m) | >20  | <b>0</b> | 0  | --- |
| Nickel    | ppm | ASTM D5185(m) | >2   | <b>0</b> | <1 | --- |
| Titane    | ppm | ASTM D5185(m) | >2   | <b>0</b> | 0  | --- |
| Argent    | ppm | ASTM D5185(m) | >2   | <b>0</b> | 0  | --- |
| Aluminium | ppm | ASTM D5185(m) | >30  | <b>0</b> | <1 | --- |
| Plomb     | ppm | ASTM D5185(m) | >30  | <b>0</b> | <1 | --- |
| Cuivre    | ppm | ASTM D5185(m) | >30  | <b>1</b> | 1  | --- |
| Étain     | ppm | ASTM D5185(m) | >15  | <b>0</b> | <1 | --- |
| Vanadium  | ppm | ASTM D5185(m) |      | <b>0</b> | 0  | --- |

**CONTAMINATION**

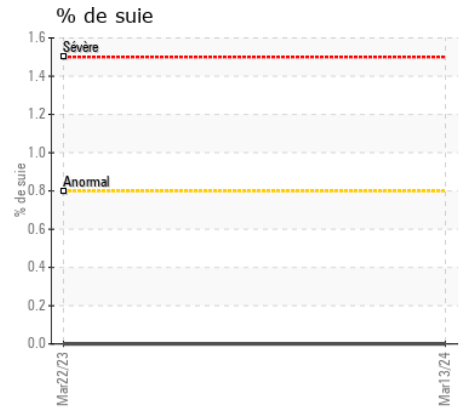
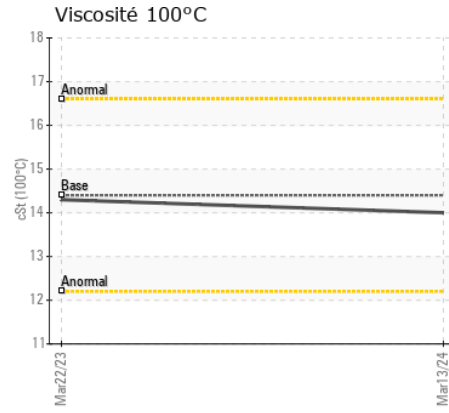
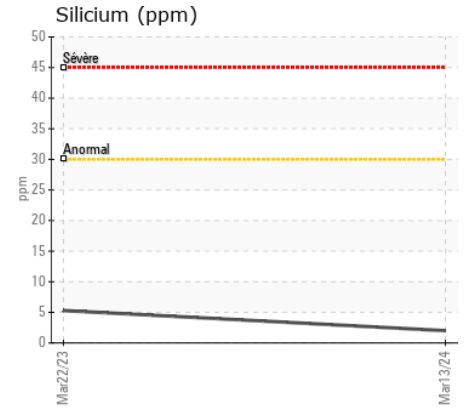
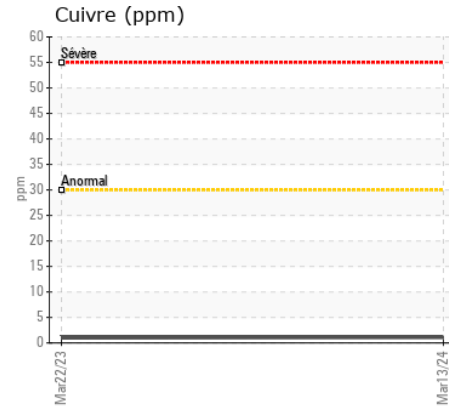
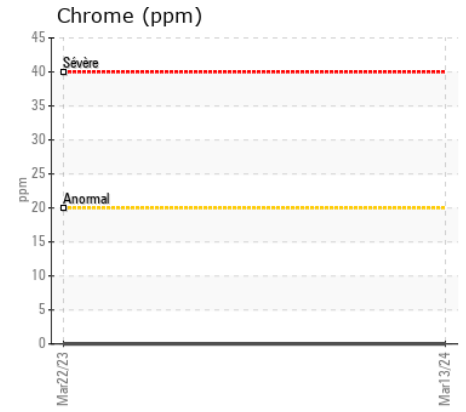
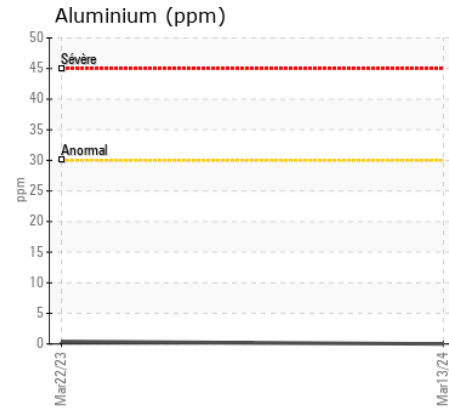
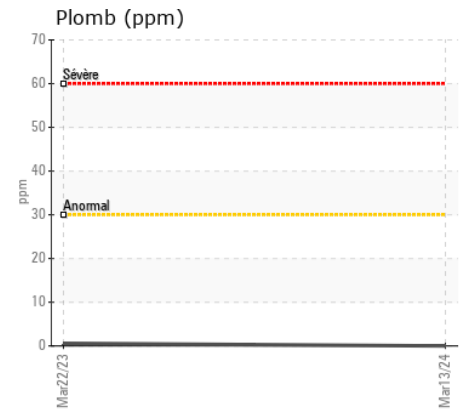
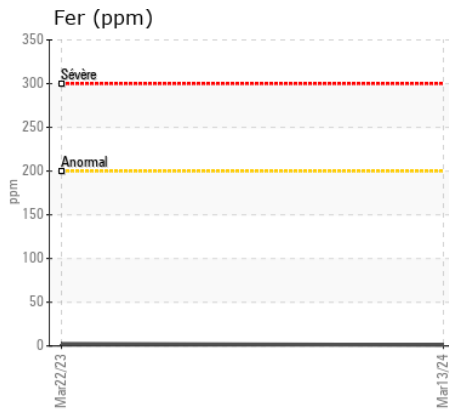
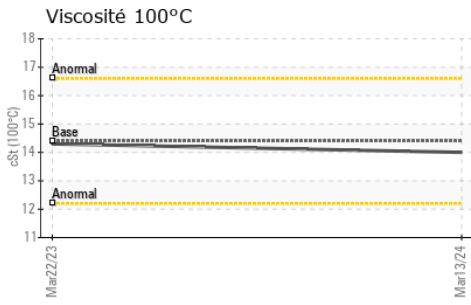
Il n'y a aucun indice de contamination dans l'huile.

|                |          |               |      |                |      |     |
|----------------|----------|---------------|------|----------------|------|-----|
| Silicium       | ppm      | ASTM D5185(m) | >30  | <b>2</b>       | 5    | --- |
| Potassium      | ppm      | ASTM D5185(m) | >20  | <b>&lt;1</b>   | 0    | --- |
| Essence        |          | WC Method     | >3.0 | <b>&lt;1.0</b> | <1.0 | --- |
| L'eau          |          | WC Method     | >0.2 | <b>NEG</b>     | NEG  | --- |
| Glycol         |          | WC Method     |      | <b>NEG</b>     | NEG  | --- |
| % de suie      | %        | ASTM D7844*   | >0.8 | <b>0</b>       | 0    | --- |
| Nitration      | Abs/cm   | ASTM D7624*   | >20  | <b>5.5</b>     | 4.0  | --- |
| Sulfatation    | Abs/.1mm | ASTM D7415*   | >30  | <b>15.9</b>    | 15.7 | --- |
| Eau émulsifiée | scalar   | Visual*       | >0.2 | <b>NEG</b>     | NEG  | --- |

**ÉTAT DU FLUIDE**

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

|            |          |               |      |             |      |     |
|------------|----------|---------------|------|-------------|------|-----|
| Sodium     | ppm      | ASTM D5185(m) | >216 | <b>1</b>    | 2    | --- |
| Bore       | ppm      | ASTM D5185(m) | 250  | <b>0</b>    | 2    | --- |
| Baryum     | ppm      | ASTM D5185(m) | 10   | <b>0</b>    | 0    | --- |
| Molybdène  | ppm      | ASTM D5185(m) | 100  | <b>44</b>   | 47   | --- |
| Manganèse  | ppm      | ASTM D5185(m) |      | <b>0</b>    | <1   | --- |
| Magnésium  | ppm      | ASTM D5185(m) | 450  | <b>719</b>  | 754  | --- |
| Calcium    | ppm      | ASTM D5185(m) | 3000 | <b>772</b>  | 867  | --- |
| Phosphore  | ppm      | ASTM D5185(m) | 1150 | <b>753</b>  | 867  | --- |
| Zinc       | ppm      | ASTM D5185(m) | 1350 | <b>866</b>  | 927  | --- |
| Soufre     | ppm      | ASTM D5185(m) | 4250 | <b>2472</b> | 2744 | --- |
| Oxydation  | Abs/.1mm | ASTM D7414*   | >25  | <b>11.1</b> | 6.5  | --- |
| Visc 100°C | cSt      | ASTM D7279(m) | 14.4 | <b>14.0</b> | 14.3 | --- |



**Laboratoire** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**N° d'échantillon** : WA0020970  
**N° de laboratoire** : 02623254  
**Numéro unique** : 5748373  
**Analyse** : MOB 1

**Reçu** : 20 Mar 2024  
**Tested** : 20 Mar 2024  
**Diagnostiqué** : 20 Mar 2024 - Kevin Marson

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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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