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|-----------------|---------------|
| WEAR | NORMAL |
| CONTAMINATION | NORMAL |
| FLUID CONDITION | NORMAL |

Machine Id
833081
 Component
Diesel Engine
 Fluid
DIESEL ENGINE OIL SAE 15W40 (--- GAL)

RECOMMENDATION

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

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|----------|----------|
| Sample Number | | Client Info | | GFL0107615 | --- | --- |
| Sample Date | | Client Info | | 02 Apr 2024 | --- | --- |
| Machine Age | kms | Client Info | | 40198 | --- | --- |
| Oil Age | kms | Client Info | | 0 | --- | --- |
| Filter Age | kms | Client Info | | 0 | --- | --- |
| Oil Changed | | Client Info | | Changed | --- | --- |
| Filter Changed | | Client Info | | Changed | --- | --- |
| Sample Status | | | | NORMAL | --- | --- |

WEAR

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

| | | | | | | |
|----------|-----|---------------|------|--------------|-----|-----|
| Iron | ppm | ASTM D5185(m) | >80 | 22 | --- | --- |
| Chromium | ppm | ASTM D5185(m) | >5 | <1 | --- | --- |
| Nickel | ppm | ASTM D5185(m) | >2 | <1 | --- | --- |
| Titanium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Silver | ppm | ASTM D5185(m) | >3 | 0 | --- | --- |
| Aluminum | ppm | ASTM D5185(m) | >30 | 4 | --- | --- |
| Lead | ppm | ASTM D5185(m) | >30 | <1 | --- | --- |
| Copper | ppm | ASTM D5185(m) | >150 | 3 | --- | --- |
| Tin | ppm | ASTM D5185(m) | >5 | <1 | --- | --- |
| Vanadium | ppm | ASTM D5185(m) | | 0 | --- | --- |

CONTAMINATION

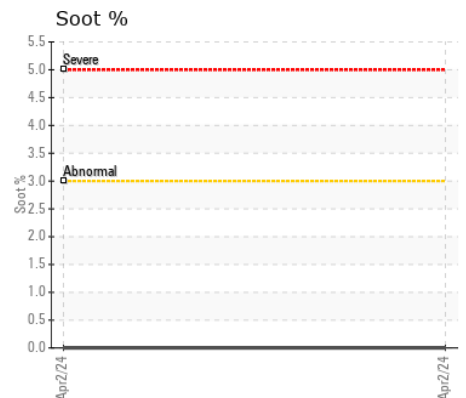
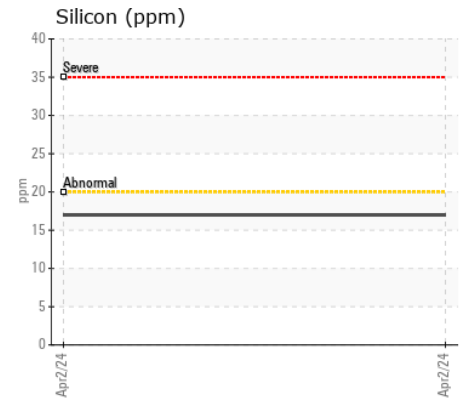
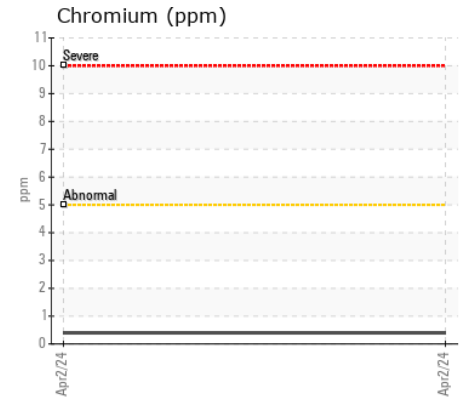
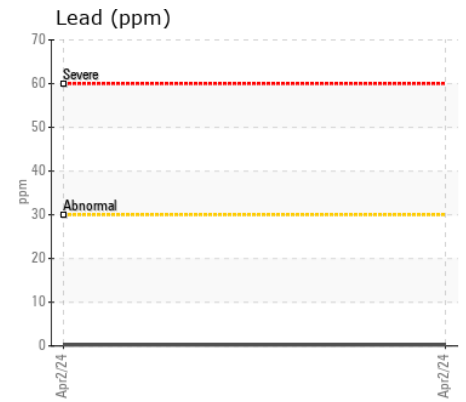
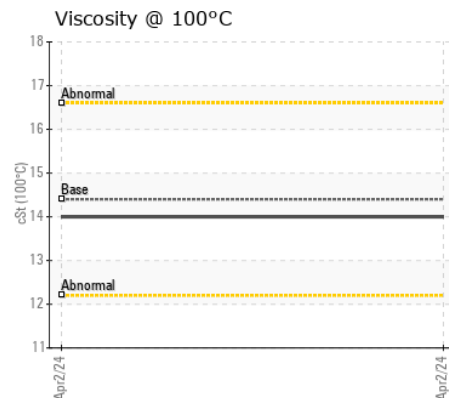
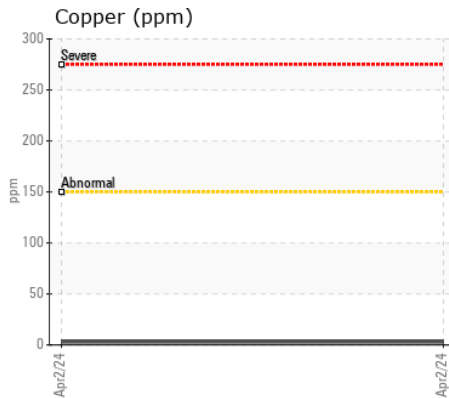
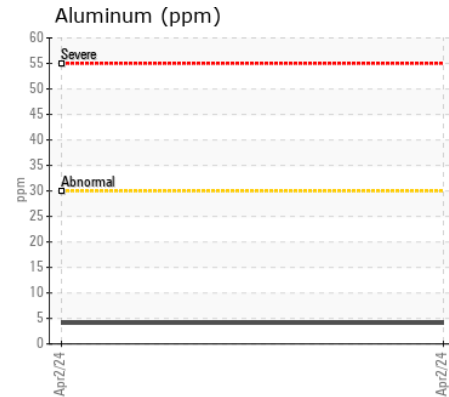
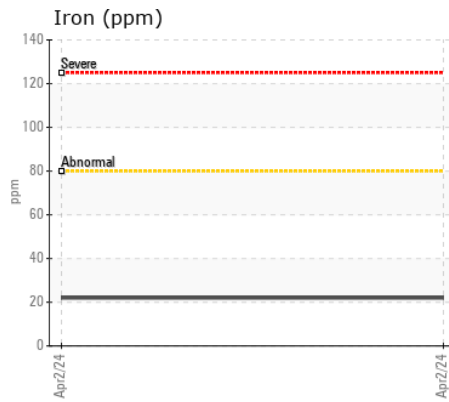
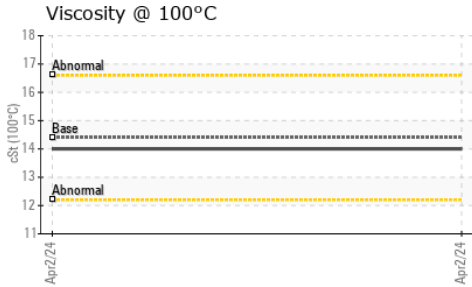
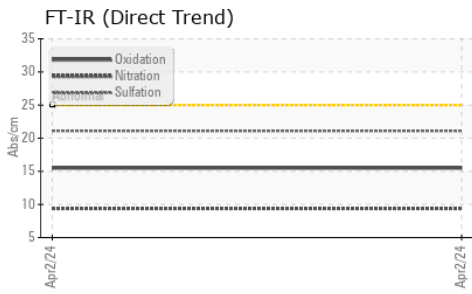
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|------------------|----------|---------------|------|----------------|-----|-----|
| Silicon | ppm | ASTM D5185(m) | >20 | 17 | --- | --- |
| Potassium | ppm | ASTM D5185(m) | >20 | 1 | --- | --- |
| Fuel | | WC Method | >5 | <1.0 | --- | --- |
| Water | | WC Method | >0.2 | NEG | --- | --- |
| Glycol | | WC Method | | NEG | --- | --- |
| Soot % | % | ASTM D7844* | >3 | 0 | --- | --- |
| Nitration | Abs/cm | ASTM D7624* | >20 | 9.4 | --- | --- |
| Sulfation | Abs/.1mm | ASTM D7415* | >30 | 21.1 | --- | --- |
| Emulsified Water | scalar | Visual* | >0.2 | NEG | --- | --- |

FLUID CONDITION

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

| | | | | | | |
|--------------|----------|---------------|------|--------------|-----|-----|
| Sodium | ppm | ASTM D5185(m) | >158 | 2 | --- | --- |
| Boron | ppm | ASTM D5185(m) | 250 | 8 | --- | --- |
| Barium | ppm | ASTM D5185(m) | 10 | <1 | --- | --- |
| Molybdenum | ppm | ASTM D5185(m) | 100 | 106 | --- | --- |
| Manganese | ppm | ASTM D5185(m) | | 1 | --- | --- |
| Magnesium | ppm | ASTM D5185(m) | 450 | 617 | --- | --- |
| Calcium | ppm | ASTM D5185(m) | 3000 | 1337 | --- | --- |
| Phosphorus | ppm | ASTM D5185(m) | 1150 | 660 | --- | --- |
| Zinc | ppm | ASTM D5185(m) | 1350 | 800 | --- | --- |
| Sulfur | ppm | ASTM D5185(m) | 4250 | 2044 | --- | --- |
| Oxidation | Abs/.1mm | ASTM D7414* | >25 | 15.5 | --- | --- |
| Visc @ 100°C | cSt | ASTM D7279(m) | 14.4 | 14.0 | --- | --- |



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0107615
Lab Number : 02627589
Unique Number : 5760721
Test Package : MOB 1

GFL Environmental - 747 - GMA - Solid Waste
 4 Chemin du Tremblay,
 Boucherville, QC
 CA J4B 6Z5
 Contact: Service Manager
 llapierre@matrec.ca

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.

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F: