

Machine Id
NO UNIT PC0082194
Component
1 Differential
Fluid
PETRO CANADA TRAXON 75W90 SYNTHETIC (--- GAL)

RECOMMENDATION

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Veuillez préciser la marque et le modèle du composant lors du prochain échantillon.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|----------------|-----|-------------|-----------|--------------------|----------|----------|
| Sample Number | | Client Info | | PC0082194 | --- | --- |
| Sample Date | | Client Info | | 04 Mar 2024 | --- | --- |
| Machine Age | hrs | Client Info | | 17262 | --- | --- |
| Oil Age | hrs | Client Info | | 0 | --- | --- |
| Filter Age | hrs | Client Info | | 0 | --- | --- |
| Oil Changed | | Client Info | | N/A | --- | --- |
| Filter Changed | | Client Info | | N/A | --- | --- |
| Sample Status | | | | NORMAL | --- | --- |

WEAR

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

| | | | | | | |
|--------------|--------|---------------|------|--------------|-----|-----|
| Iron | ppm | ASTM D5185(m) | >500 | 148 | --- | --- |
| Chromium | ppm | ASTM D5185(m) | >10 | <1 | --- | --- |
| Nickel | ppm | ASTM D5185(m) | >10 | 0 | --- | --- |
| Titanium | ppm | ASTM D5185(m) | | <1 | --- | --- |
| Silver | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Aluminum | ppm | ASTM D5185(m) | >25 | 2 | --- | --- |
| Lead | ppm | ASTM D5185(m) | >25 | 0 | --- | --- |
| Copper | ppm | ASTM D5185(m) | >100 | 1 | --- | --- |
| Tin | ppm | ASTM D5185(m) | >10 | 0 | --- | --- |
| Vanadium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| White Metal | scalar | Visual* | NONE | VLITE | --- | --- |
| Yellow Metal | scalar | Visual* | NONE | NONE | --- | --- |

CONTAMINATION

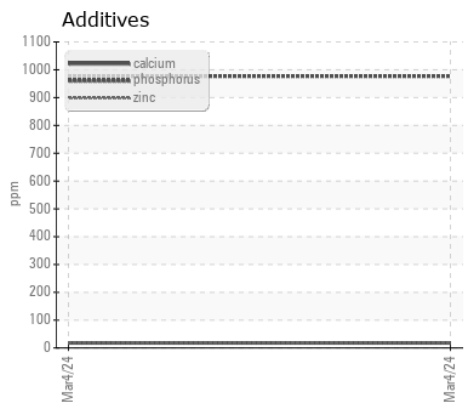
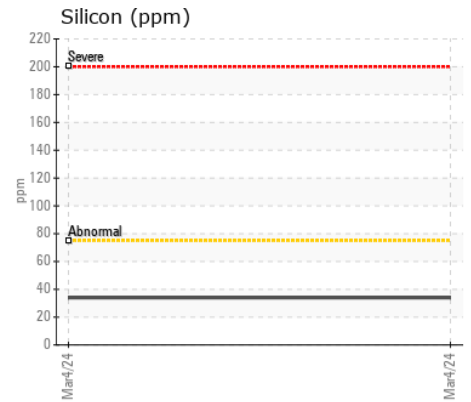
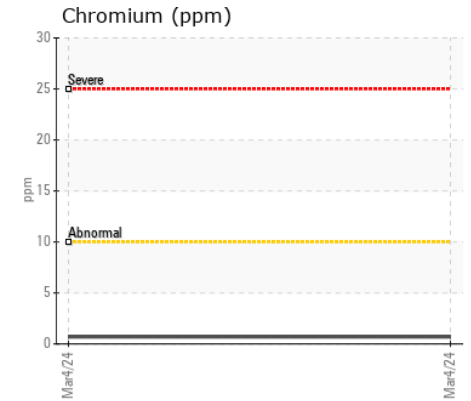
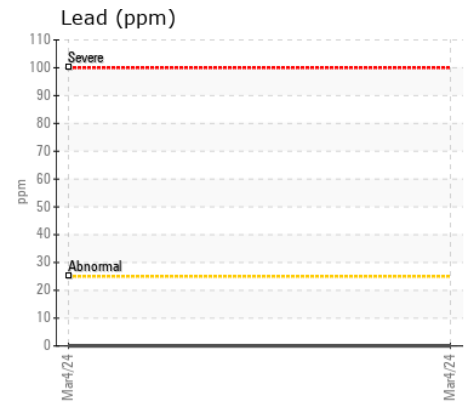
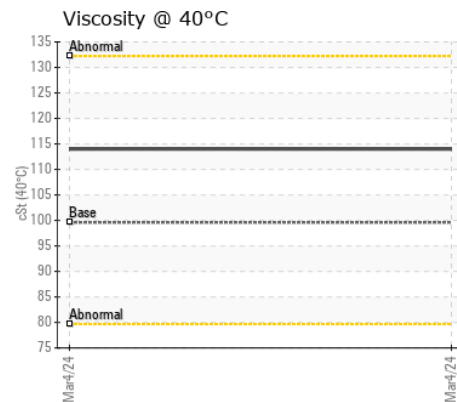
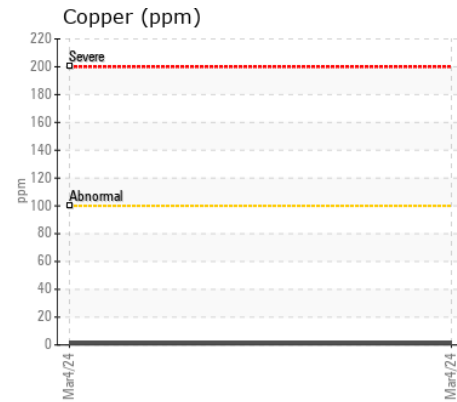
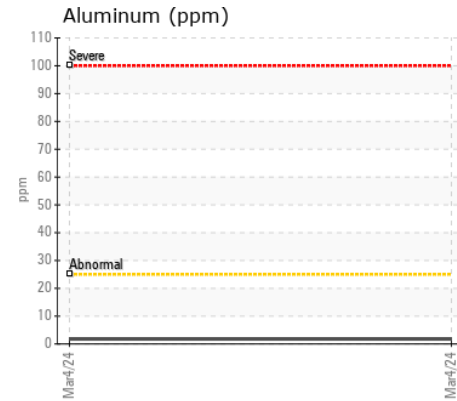
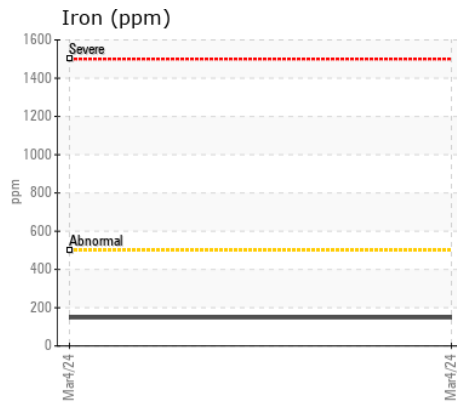
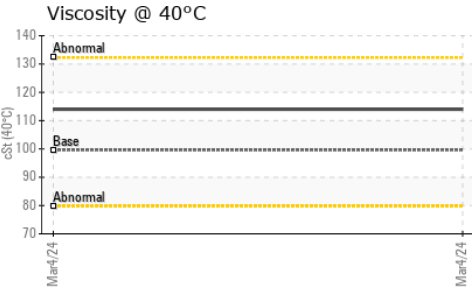
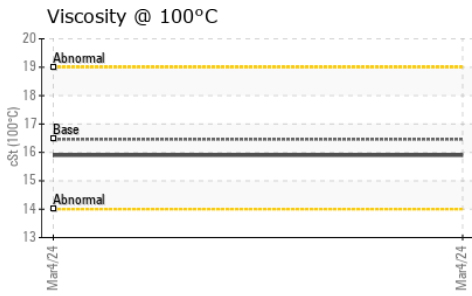
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|------------------|--------|---------------|-------|--------------|-----|-----|
| Silicon | ppm | ASTM D5185(m) | >75 | 34 | --- | --- |
| Potassium | ppm | ASTM D5185(m) | >20 | 1 | --- | --- |
| Water | | WC Method | >.2 | NEG | --- | --- |
| Silt | scalar | Visual* | NONE | VLITE | --- | --- |
| Debris | scalar | Visual* | NONE | NONE | --- | --- |
| Sand/Dirt | scalar | Visual* | NONE | NONE | --- | --- |
| Appearance | scalar | Visual* | NORML | NORML | --- | --- |
| Odor | scalar | Visual* | NORML | NORML | --- | --- |
| Emulsified Water | scalar | Visual* | >.2 | NEG | --- | --- |

FLUID CONDITION

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

| | | | | | | |
|----------------------|-------|---------------|-------|--------------|-----|-----|
| Sodium | ppm | ASTM D5185(m) | | 6 | --- | --- |
| Boron | ppm | ASTM D5185(m) | 328 | 140 | --- | --- |
| Barium | ppm | ASTM D5185(m) | 1 | 3 | --- | --- |
| Molybdenum | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Manganese | ppm | ASTM D5185(m) | | 8 | --- | --- |
| Magnesium | ppm | ASTM D5185(m) | 1 | 2 | --- | --- |
| Calcium | ppm | ASTM D5185(m) | 7 | 18 | --- | --- |
| Phosphorus | ppm | ASTM D5185(m) | 1145 | 977 | --- | --- |
| Zinc | ppm | ASTM D5185(m) | 3 | 18 | --- | --- |
| Sulfur | ppm | ASTM D5185(m) | 17909 | 21672 | --- | --- |
| Visc @ 40°C | cSt | ASTM D7279(m) | 99.6 | 114 | --- | --- |
| Visc @ 100°C | cSt | ASTM D7279(m) | 16.46 | 15.9 | --- | --- |
| Viscosity Index (VI) | Scale | ASTM D2270* | 179 | 148 | --- | --- |



ISO 17025:2017
Accredited
Laboratory

Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : PC0082194
Lab Number : 02627455
Unique Number : 5760587
Test Package : MOB 1 (Additional Tests: KV100, VI)

Received : 08 Apr 2024
Tested : 08 Apr 2024
Diagnosed : 08 Apr 2024 - Wes Davis

GFL Environmental - 737 - Quebec City Hauling
 6205 Boul. Wilfrid Hamel,
 Quebec City, QC
 CA G2E 5G8
 Contact: Dave Beaulieu
 davebeaulieu@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: