



OIL ANALYSIS REPORT

Sample Rating Trend

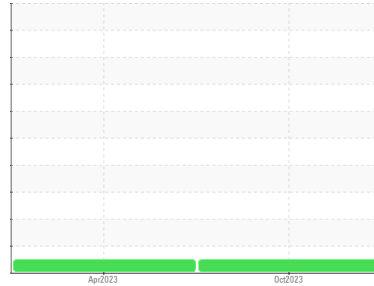
NORMAL



Machine Id
7239

Component
Transmission (Auto)

Fluid
PETRO CANADA DURADRIIVE HD SYNTHETIC ATF (--- GAL)



DIAGNOSIS

Recommendation

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

Wear

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

Contamination

Il n'y a aucun indice de contamination dans le fluide.

Fluid Condition

L'état de le fluide est acceptable pour la durée de service.

SAMPLE INFORMATION

| | method | limit/base | current | history1 | history2 |
|---------------|-------------|-------------|--------------------|-------------|----------|
| Sample Number | Client Info | | GFL0097059 | GFL0073462 | --- |
| Sample Date | Client Info | | 09 Oct 2023 | 21 Apr 2023 | --- |
| Machine Age | hrs | Client Info | 2212 | 1664 | --- |
| Oil Age | hrs | Client Info | 1200 | 1200 | --- |
| Oil Changed | Client Info | | Not Chngd | Changed | --- |
| Sample Status | | | NORMAL | NORMAL | --- |

WEAR METALS

| | method | limit/base | current | history1 | history2 |
|-----------|--------|--------------------|--------------|----------|----------|
| Iron | ppm | ASTM D5185(m) >300 | 41 | 88 | --- |
| Chromium | ppm | ASTM D5185(m) >2 | 0 | 0 | --- |
| Nickel | ppm | ASTM D5185(m) >4 | 0 | <1 | --- |
| Titanium | ppm | ASTM D5185(m) >3 | 0 | 0 | --- |
| Silver | ppm | ASTM D5185(m) >5 | <1 | 0 | --- |
| Aluminum | ppm | ASTM D5185(m) >70 | 20 | 34 | --- |
| Lead | ppm | ASTM D5185(m) >85 | 8 | 20 | --- |
| Copper | ppm | ASTM D5185(m) >90 | 20 | 38 | --- |
| Tin | ppm | ASTM D5185(m) >10 | 2 | 4 | --- |
| Antimony | ppm | ASTM D5185(m) >5 | 0 | 0 | --- |
| Vanadium | ppm | ASTM D5185(m) | 0 | 0 | --- |
| Beryllium | ppm | ASTM D5185(m) | 0 | 0 | --- |
| Cadmium | ppm | ASTM D5185(m) | 0 | 0 | --- |

ADDITIVES

| | method | limit/base | current | history1 | history2 |
|------------|--------|---------------|--------------|----------|----------|
| Boron | ppm | ASTM D5185(m) | 83 | 114 | --- |
| Barium | ppm | ASTM D5185(m) | <1 | 0 | --- |
| Molybdenum | ppm | ASTM D5185(m) | 0 | 0 | --- |
| Manganese | ppm | ASTM D5185(m) | 0 | <1 | --- |
| Magnesium | ppm | ASTM D5185(m) | <1 | 0 | --- |
| Calcium | ppm | ASTM D5185(m) | 106 | 54 | --- |
| Phosphorus | ppm | ASTM D5185(m) | 244 | 327 | --- |
| Zinc | ppm | ASTM D5185(m) | 5 | 4 | --- |
| Sulfur | ppm | ASTM D5185(m) | 1220 | 643 | --- |
| Lithium | ppm | ASTM D5185(m) | <1 | <1 | --- |

CONTAMINANTS

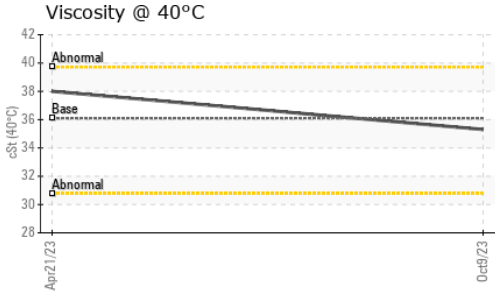
| | method | limit/base | current | history1 | history2 |
|-----------|--------|-------------------|--------------|----------|----------|
| Silicon | ppm | ASTM D5185(m) >20 | 7 | 8 | --- |
| Sodium | ppm | ASTM D5185(m) | 4 | 6 | --- |
| Potassium | ppm | ASTM D5185(m) >20 | <1 | <1 | --- |

VISUAL

| | method | limit/base | current | history1 | history2 |
|------------------|--------|---------------|--------------|----------|----------|
| White Metal | scalar | Visual* NONE | NONE | NONE | --- |
| Yellow Metal | scalar | Visual* NONE | NONE | NONE | --- |
| Precipitate | scalar | Visual* NONE | NONE | NONE | --- |
| Silt | scalar | Visual* NONE | NONE | NONE | --- |
| Debris | scalar | Visual* NONE | NONE | NONE | --- |
| Sand/Dirt | scalar | Visual* NONE | NONE | NONE | --- |
| Appearance | scalar | Visual* NORML | NORML | NORML | --- |
| Odor | scalar | Visual* NORML | NORML | NORML | --- |
| Emulsified Water | scalar | Visual* >0.1 | NEG | NEG | --- |
| Free Water | scalar | Visual* | NEG | NEG | --- |



OIL ANALYSIS REPORT

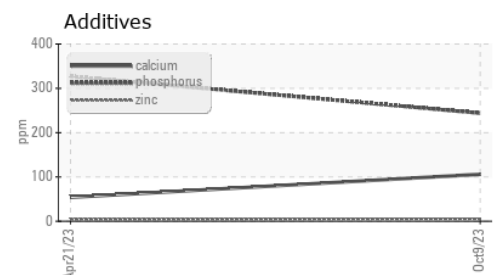
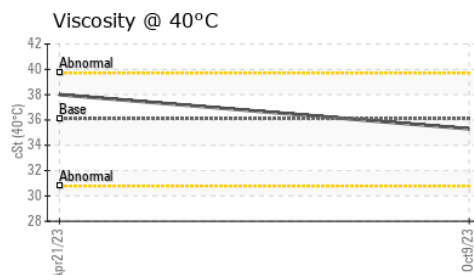
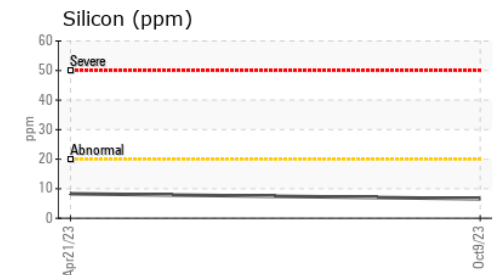
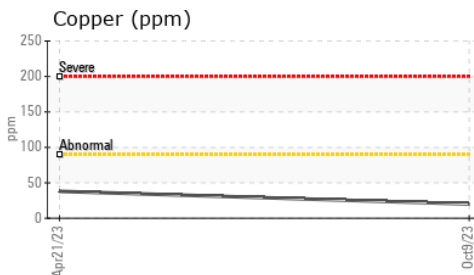
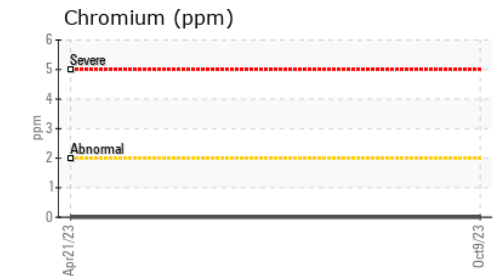
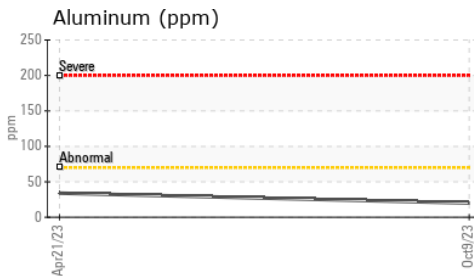
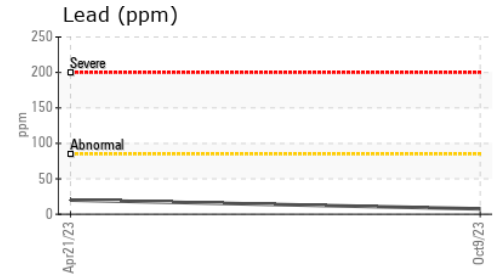
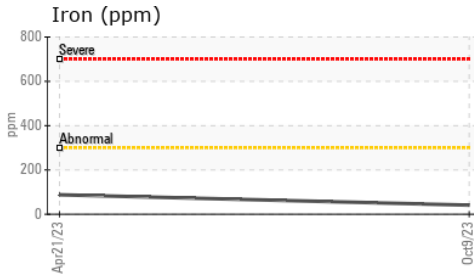


| FLUID PROPERTIES | method | limit/base | current | history1 | history2 |
|------------------|--------|---------------|---------|----------|----------|
| Visc @ 40°C | cSt | ASTM D7279(m) | 35.3 | 38.0 | --- |

| SAMPLE IMAGES | method | limit/base | current | history1 | history2 |
|---------------|--------|------------|---------|----------|----------|
|---------------|--------|------------|---------|----------|----------|

| | | | | | | |
|--------|--|--|--|--|--|----------|
| Color | | | | | | no image |
| Bottom | | | | | | no image |

GRAPHS



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 780 - GMA - ICI - Solid Waste
Sample No. : GFL0097059 **Received** : 23 Oct 2023 4365 boul. St-Elzear Ouest, Laval, QC
Lab Number : 02591081 **Diagnosed** : 23 Oct 2023 CA H7P 4J3
Unique Number : 5668160 **Diagnostician** : Wes Davis
Test Package : MOB 1

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.

Contact: Pieces Laval
 pieces.laval@gflenv.com
 T: (450)687-3838
 F: