



Machine Id
926073
Component
Hydraulic System
Fluid
PETRO CANADA HYDREX MV 32 (220 LTR)

RECOMMENDATION

Vérifier les scelles et/ou les filters pour des points d'entrée des contaminants. Le reniflard d'air doit être réparé. S'il n'est pas classé, nous vous recommandons de le remplacer par un reniflard à air adapté au micron et / ou au dessicant. Si évalué, nous vous recommandons de réparer / remplacer le reniflard. Nous recommandons le remplacement des filtres de ce composant. Échantillonner de nouveau dans 30 à 45 jours afin de contrôler la situation. (Customer Sample Comment: Couvercle du filtre jammer mon mécano a pas été capable de l'ouvrir... on va y remédier)

WEAR

Le taux de fer est anormal. Le bas indice ferreux (PQ) indique que l'usure ferreuse est due à de la corrosion.

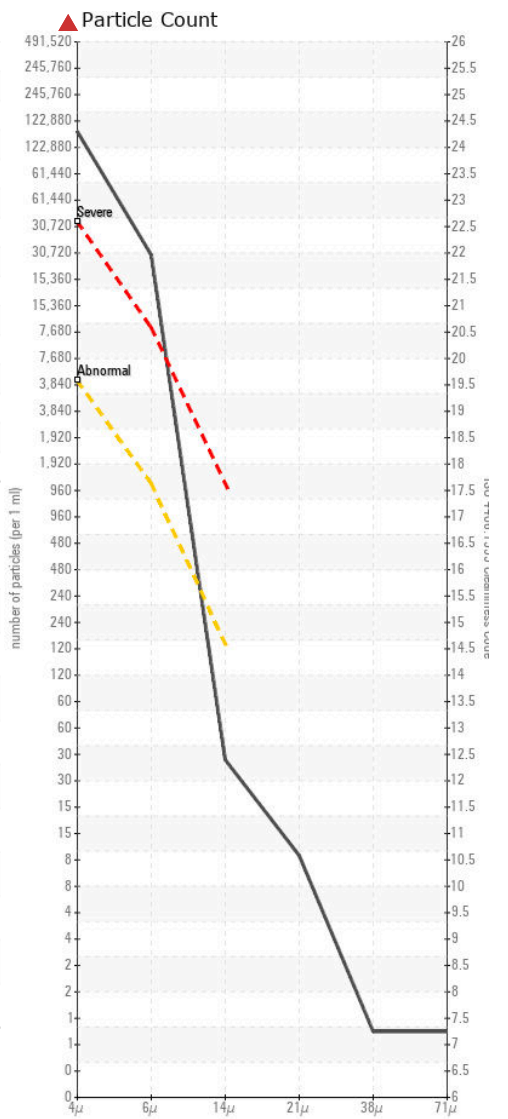
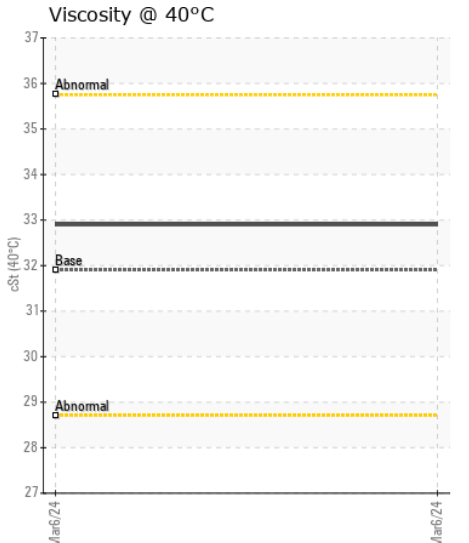
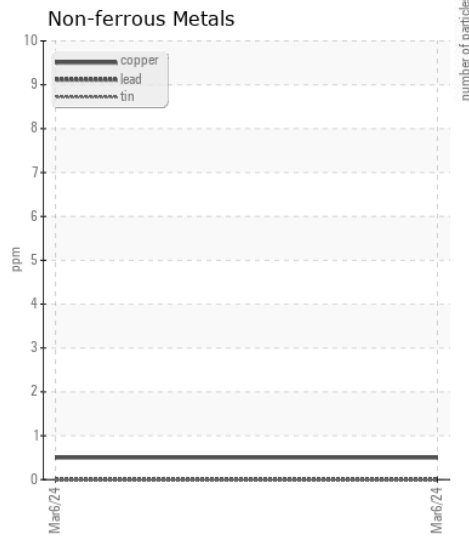
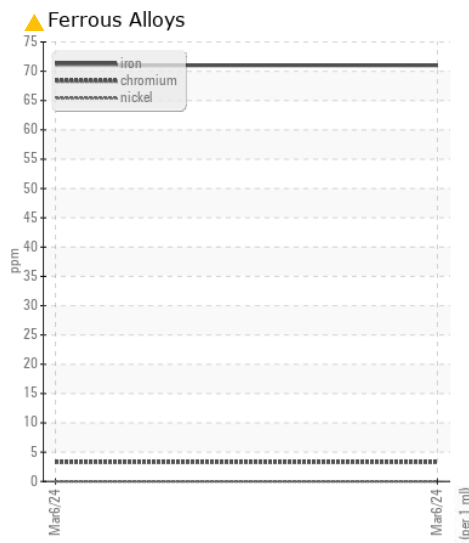
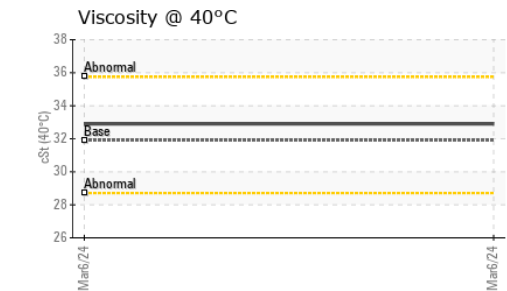
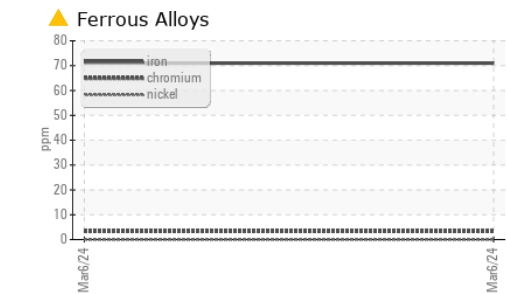
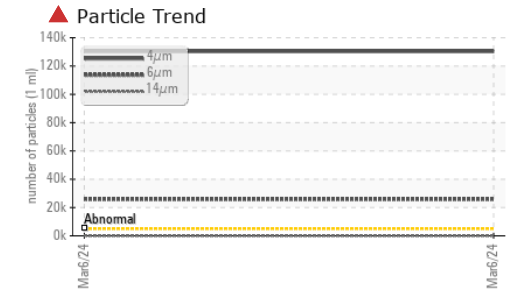
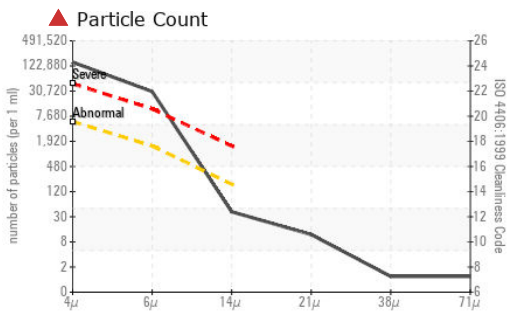
CONTAMINATION

Il y a une grande quantité de limon (particules de 4 à 14 microns) dans l'huile.

FLUID CONDITION

L'huile peut encore servir si la contamination peut être réduite à un niveau acceptable.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|------------------|--------|---------------|-----------|--------------------|----------|----------|
| Sample Number | | Client Info | | GFL0081627 | --- | --- |
| Sample Date | | Client Info | | 06 Mar 2024 | --- | --- |
| Machine Age | hrs | Client Info | | 3569 | --- | --- |
| Oil Age | hrs | Client Info | | 0 | --- | --- |
| Filter Age | hrs | Client Info | | 0 | --- | --- |
| Oil Changed | | Client Info | | Not Chngd | --- | --- |
| Filter Changed | | Client Info | | Not Chngd | --- | --- |
| Sample Status | | | | SEVERE | --- | --- |
| PQ | | ASTM D8184* | | 0 | --- | --- |
| Iron | ppm | ASTM D5185(m) | >50 | 71 | --- | --- |
| Chromium | ppm | ASTM D5185(m) | >10 | 3 | --- | --- |
| Nickel | ppm | ASTM D5185(m) | >4 | 0 | --- | --- |
| Titanium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Silver | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Aluminum | ppm | ASTM D5185(m) | >5 | 4 | --- | --- |
| Lead | ppm | ASTM D5185(m) | >4 | 0 | --- | --- |
| Copper | ppm | ASTM D5185(m) | >15 | <1 | --- | --- |
| Tin | ppm | ASTM D5185(m) | >4 | 0 | --- | --- |
| Vanadium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| White Metal | scalar | Visual* | NONE | NONE | --- | --- |
| Yellow Metal | scalar | Visual* | NONE | NONE | --- | --- |
| Silicon | ppm | ASTM D5185(m) | >15 | 14 | --- | --- |
| Potassium | ppm | ASTM D5185(m) | >20 | 4 | --- | --- |
| Water | | WC Method | >0.1 | NEG | --- | --- |
| Particles >4µm | | ASTM D7647 | >5000 | 130328 | --- | --- |
| Particles >6µm | | ASTM D7647 | >1300 | 25893 | --- | --- |
| Particles >14µm | | ASTM D7647 | >160 | 35 | --- | --- |
| Particles >21µm | | ASTM D7647 | >40 | 10 | --- | --- |
| Particles >38µm | | ASTM D7647 | >10 | 1 | --- | --- |
| Particles >71µm | | ASTM D7647 | >3 | 1 | --- | --- |
| Oil Cleanliness | | ISO 4406 (c) | >19/17/14 | 24/22/12 | --- | --- |
| Silt | scalar | Visual* | NONE | NONE | --- | --- |
| 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* | >0.1 | NEG | --- | --- |
| Sodium | ppm | ASTM D5185(m) | | 20 | --- | --- |
| Boron | ppm | ASTM D5185(m) | 0 | 8 | --- | --- |
| Barium | ppm | ASTM D5185(m) | 0 | 0 | --- | --- |
| Molybdenum | ppm | ASTM D5185(m) | 0 | 1 | --- | --- |
| Manganese | ppm | ASTM D5185(m) | 1 | <1 | --- | --- |
| Magnesium | ppm | ASTM D5185(m) | 0 | 20 | --- | --- |
| Calcium | ppm | ASTM D5185(m) | 50 | 165 | --- | --- |
| Phosphorus | ppm | ASTM D5185(m) | 330 | 329 | --- | --- |
| Zinc | ppm | ASTM D5185(m) | 430 | 387 | --- | --- |
| Sulfur | ppm | ASTM D5185(m) | 760 | 1762 | --- | --- |
| Visc @ 40°C | cSt | ASTM D7279(m) | 31.9 | 32.9 | --- | --- |



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : GFL0081627 **Received** : 07 Mar 2024
Lab Number : 02620594 **Tested** : 08 Mar 2024
Unique Number : 5737704 **Diagnosed** : 08 Mar 2024 - Kevin Marson
Test Package : MOB 1 (Additional Tests: PQ, PrtCount)

GFL Environmental - 774
 169 Route 117
 Mont-Tremblant, QC
 CA J8E 1A1
 Contact: Stephane Filteau
 sfilteau@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.