



LIEBHERR

RAPPORT D'ANALYSE D'HUILE

| | |
|----------------|---------------|
| USURE | NORMAL |
| CONTAMINATION | NORMAL |
| ÉTAT DU FLUIDE | NORMAL |



Identité de la machine

OR1855

Composant

Entraînement de tourelle

Fluide

PETRO CANADA TRAXON 75W90 SYNTHETIC (--- GAL)

RECOMMANDATION

Confirm the source of the lubricant being utilized for top-up/fill.
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 | | LH0261142 | LH0235137 | --- |
| Date d'échant. | | Client Info | | 12 Jul 2023 | 01 Nov 2022 | --- |
| Âge d la Machine | hrs | Client Info | | 0 | 530 | --- |
| Âge de l'huile | hrs | Client Info | | 0 | 0 | --- |
| Âge du filtre | hrs | Client Info | | 0 | 0 | --- |
| Huile changée | | Client Info | | Changed | Changed | --- |
| Filtre changé | | Client Info | | N/A | N/A | --- |
| Statut de l'échant. | | | | NORMAL | NORMAL | --- |

USURE

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

| | | | | | | |
|-------------|--------|---------------|------|--------------|------|-----|
| Fer | ppm | ASTM D5185(m) | >350 | 153 | 129 | --- |
| Chrome | ppm | ASTM D5185(m) | >15 | 1 | <1 | --- |
| Nickel | ppm | ASTM D5185(m) | >5 | 0 | 0 | --- |
| Titane | ppm | ASTM D5185(m) | | 0 | 0 | --- |
| Argent | ppm | ASTM D5185(m) | | <1 | 0 | --- |
| Aluminium | ppm | ASTM D5185(m) | >5 | 3 | 2 | --- |
| Plomb | ppm | ASTM D5185(m) | >10 | 4 | 2 | --- |
| Cuivre | ppm | ASTM D5185(m) | >300 | 141 | 63 | --- |
| Étain | ppm | ASTM D5185(m) | >15 | 11 | 5 | --- |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | --- |
| Métal blanc | scalar | Visual* | NONE | NONE | NONE | --- |
| Bronze | scalar | Visual* | NONE | NONE | NONE | --- |

CONTAMINATION

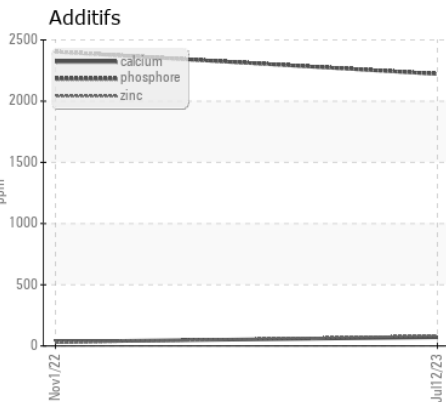
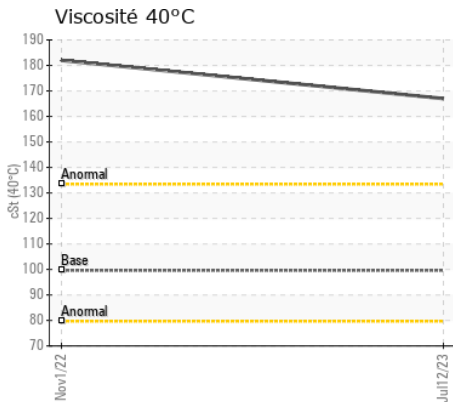
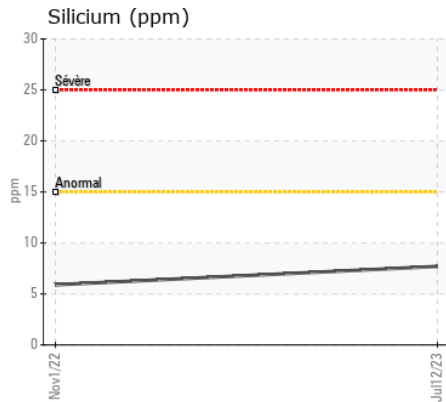
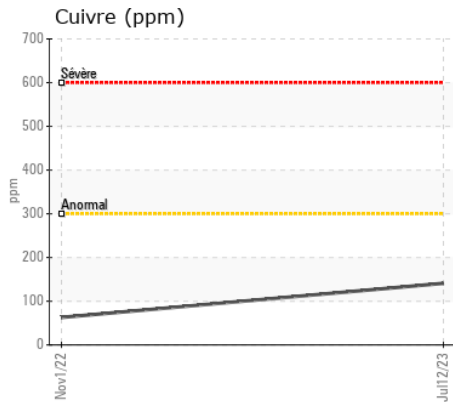
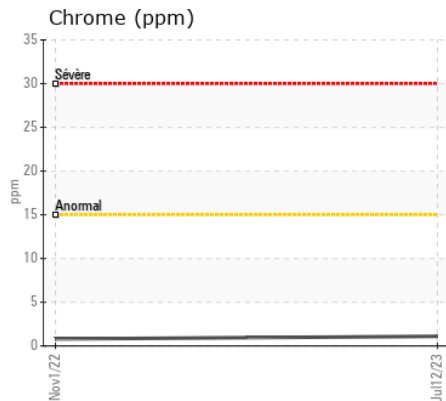
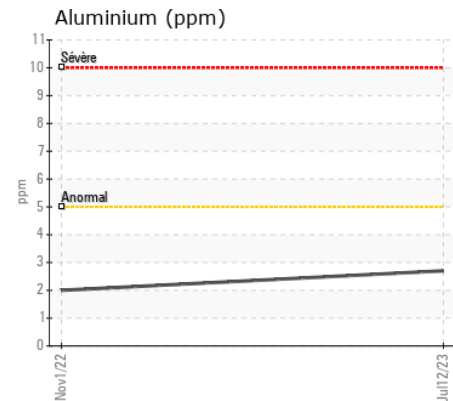
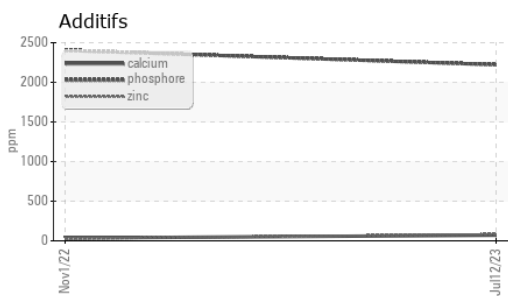
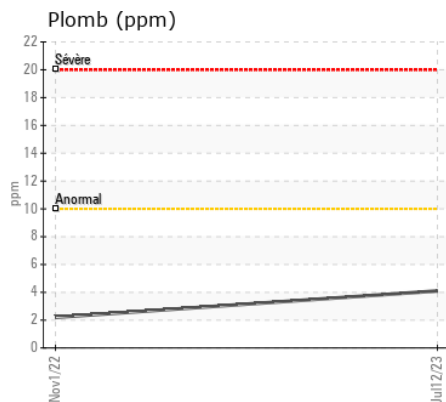
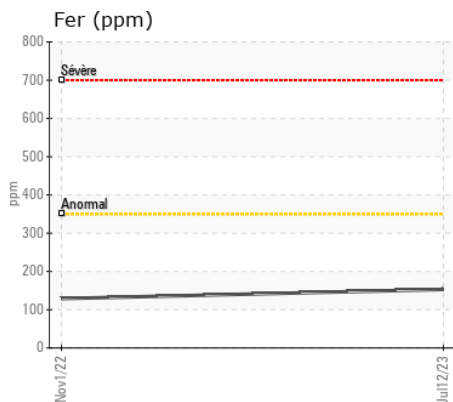
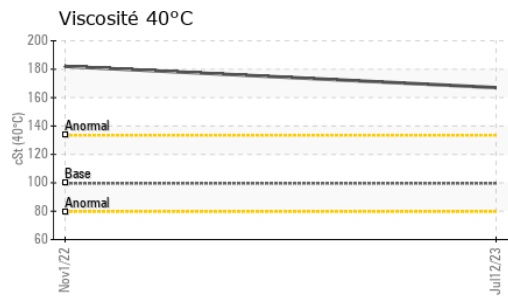
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|--------|---------------|-------|--------------|-------|-----|
| Silicium | ppm | ASTM D5185(m) | >15 | 8 | 6 | --- |
| Potassium | ppm | ASTM D5185(m) | >20 | 1 | <1 | --- |
| Limon | scalar | Visual* | NONE | VLITE | NONE | --- |
| Débris | scalar | Visual* | NONE | NONE | NONE | --- |
| Saleté | scalar | Visual* | NONE | NONE | NONE | --- |
| Apparence | scalar | Visual* | NORML | NORML | NORML | --- |
| Odeur | scalar | Visual* | NORML | NORML | NORML | --- |
| Eau émulsifiée | scalar | Visual* | >0.2 | NEG | NEG | --- |

ÉTAT DU FLUIDE

Les niveaux d'additifs indiquent l'ajout d'une autre marque ou d'un autre type d'huile. La viscosité de l'échantillon se situe dans la portée de l'SAE 90; nous vous conseillons de vérifier. L'état de l'huile est acceptable pour la durée de service.

| | | | | | | |
|-----------|-----|---------------|-------|--------------|-------|-----|
| Sodium | ppm | ASTM D5185(m) | | 4 | 3 | --- |
| Bore | ppm | ASTM D5185(m) | 328 | 8 | 7 | --- |
| Baryum | ppm | ASTM D5185(m) | 1 | 3 | 2 | --- |
| Molybdène | ppm | ASTM D5185(m) | | 3 | 0 | --- |
| Manganèse | ppm | ASTM D5185(m) | | 2 | 2 | --- |
| Magnésium | ppm | ASTM D5185(m) | 1 | 45 | 1 | --- |
| Calcium | ppm | ASTM D5185(m) | 7 | 71 | 35 | --- |
| Phosphore | ppm | ASTM D5185(m) | 1145 | 2222 | 2404 | --- |
| Zinc | ppm | ASTM D5185(m) | 3 | 83 | 27 | --- |
| Soufre | ppm | ASTM D5185(m) | 17909 | 28242 | 33570 | --- |
| Visc 40°C | cSt | ASTM D7279(m) | 99.6 | 167 | 182 | --- |



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 GFL Environmental - 766 -Drummondville -Hauling - Solid Waste
N° d'échantillon : LH0261142 **Reçu** : 14 Jul 2023
N° de laboratoire : 02570204 **Diagnostiqué** : 14 Jul 2023
Numéro unique : 5607250 **Diagnostiqueur** : Wes Davis
Analyse : MOB 1

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.
 Validity of results and interpretation are based on the sample and information as supplied.

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