



TRAAP

Texas Refinery Advanced Analysis Program

RAPPORT D'ANALYSE D'HUILE

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

Identité de la machine

KENWORTH 1425

Composant

Moteur diesel

Fluide

TRC PRO-SPEC IV XP SYN BLEND 15W40 (54 LTR)

RECOMMANDATION

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 | | TR02574145 | TR02559133 | TR02516684 |
| Date d'échant. | | Client Info | | 26 Jul 2023 | 05 Apr 2023 | 11 Oct 2022 |
| Âge d la Machine | hrs | Client Info | | 17503 | 17263 | 16524 |
| Âge de l'huile | hrs | Client Info | | 240 | 510 | 1514 |
| Âge du filtre | hrs | Client Info | | 240 | 510 | 498 |
| Huile changée | | Client Info | | Not Chngd | Changed | Not Chngd |
| Filtre changé | | Client Info | | Changed | Changed | Not Chngd |
| Statut de l'échant. | | | | NORMAL | NORMAL | NORMAL |

USURE

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

| | | | | | | |
|-----------|-----|---------------|------|--------------|----|----|
| Fer | ppm | ASTM D5185(m) | >165 | 33 | 26 | 51 |
| Chrome | ppm | ASTM D5185(m) | >5 | <1 | <1 | <1 |
| Nickel | ppm | ASTM D5185(m) | >4 | 0 | <1 | <1 |
| Titane | ppm | ASTM D5185(m) | >2 | <1 | <1 | <1 |
| Argent | ppm | ASTM D5185(m) | >2 | 0 | 0 | 0 |
| Aluminium | ppm | ASTM D5185(m) | >20 | 3 | 2 | 4 |
| Plomb | ppm | ASTM D5185(m) | >150 | 23 | 19 | 95 |
| Cuivre | ppm | ASTM D5185(m) | >90 | 4 | 3 | 7 |
| Étain | ppm | ASTM D5185(m) | >5 | <1 | <1 | <1 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |

CONTAMINATION

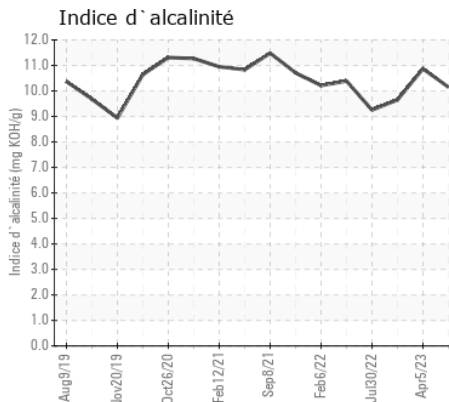
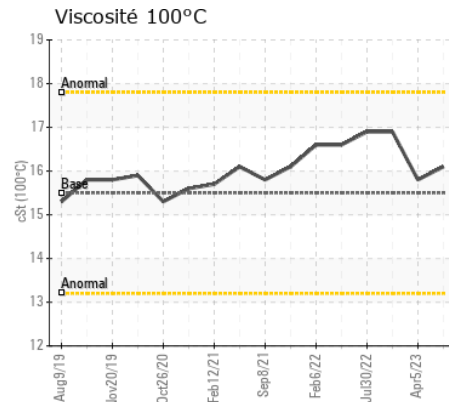
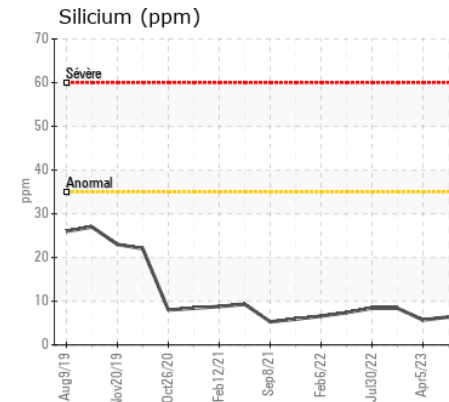
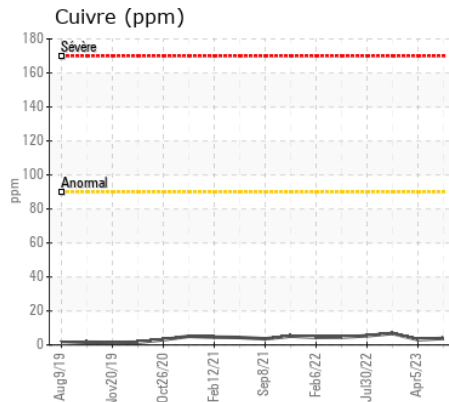
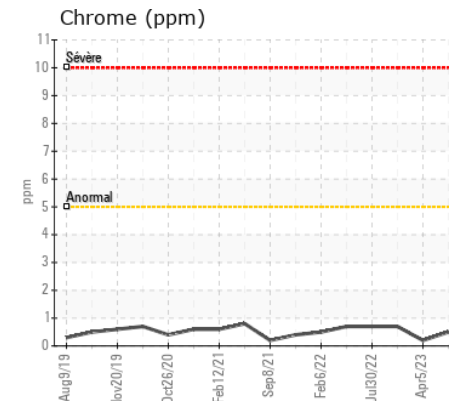
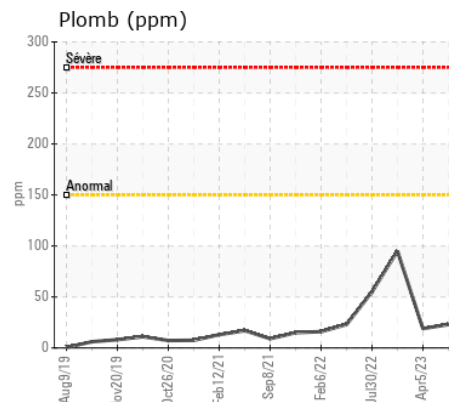
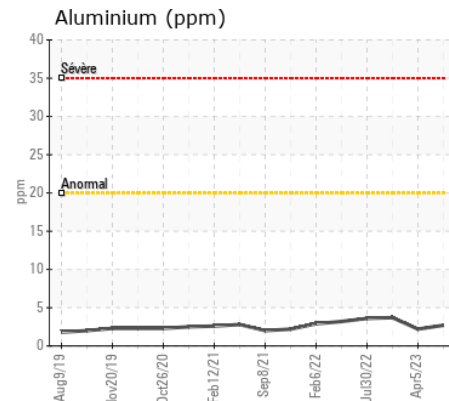
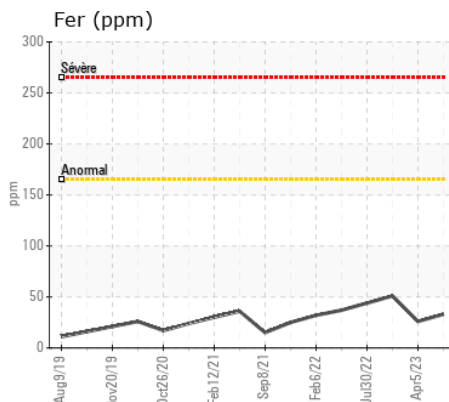
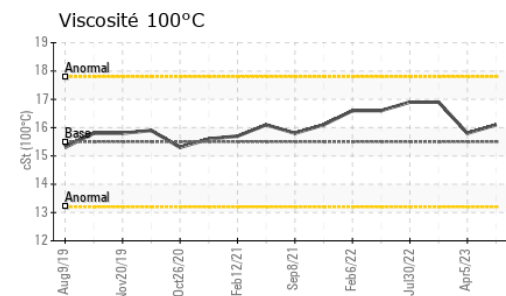
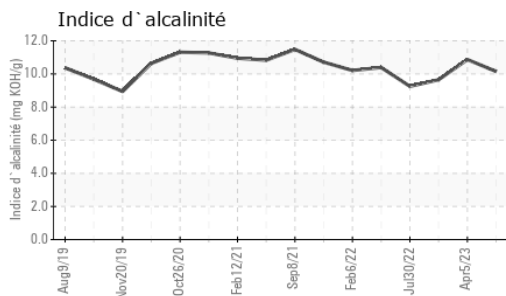
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|------|----------------|------|------|
| Silicium | ppm | ASTM D5185(m) | >35 | 6 | 6 | 8 |
| Potassium | ppm | ASTM D5185(m) | >20 | 3 | 2 | 5 |
| Essence | | WC Method | >3.0 | <1.0 | <1.0 | <1.0 |
| Glycol | | WC Method | | NEG | NEG | NEG |
| % de suie | % | ASTM D7844* | >7.5 | 0.3 | 0.2 | 0.4 |
| Nitration | Abs/cm | ASTM D7624* | >20 | 15.5 | 14.0 | 18.7 |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 29.6 | 26.1 | 34.1 |
| Eau émulsifiée | scalar | Visual* | >0.2 | NEG | NEG | NEG |

ÉTAT DU FLUIDE

Le résultat pour le BN indique que la réserve d'alcalinité est acceptable pour l'huile. L'état de l'huile permet de prolonger l'utilisation.

| | | | | | | |
|---------------------|----------|---------------|------|--------------|-------|------|
| Sodium | ppm | ASTM D5185(m) | | 7 | 5 | 7 |
| Bore | ppm | ASTM D5185(m) | | 1 | 1 | 1 |
| Baryum | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Molybdène | ppm | ASTM D5185(m) | | 21 | 21 | 12 |
| Manganèse | ppm | ASTM D5185(m) | | <1 | <1 | <1 |
| Magnésium | ppm | ASTM D5185(m) | | 20 | 18 | 22 |
| Calcium | ppm | ASTM D5185(m) | | 4547 | 4734 | 5220 |
| Phosphore | ppm | ASTM D5185(m) | | 1032 | 1030 | 1135 |
| Zinc | ppm | ASTM D5185(m) | | 1114 | 1085 | 1244 |
| Soufre | ppm | ASTM D5185(m) | | 3536 | 3562 | 3775 |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 18.3 | 16.3 | 28.2 |
| Indice d'alcalinité | mg KOH/g | ASTM D2896* | | 10.15 | 10.87 | 9.65 |
| Visc 100°C | cSt | ASTM D7279(m) | 15.5 | 16.1 | 15.8 | 16.9 |



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : TR02574145 **Reçu** : 04 Aug 2023
N° de laboratoire : 02574145 **Diagnostiqué** : 04 Aug 2023
Numéro unique : 5619196 **Diagnostiqueur** : Wes Davis
Analyse : MOB 2

MARTIN MOUSSEAU
 424 CHEVERNY
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 CA J0K 3E0
 Contact: MARTIN

To discuss this sample report, contact Customer Service at 1-800-827-0711.
 * - Denotes test methods that are outside of the ISO 17025 scope of accreditation.
 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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