



RAPPORT D'ANALYSE D'HUILE

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

Identité de la machine

KENWORTH 300-75

Composant

Moteur diesel

Fluid

SAE 5W40 (45 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 | | PC0079736 | PC0070766 | PC0063640 |
| Date d'échant. | | Client Info | | 15 Mar 2024 | 23 Sep 2023 | 11 Apr 2023 |
| Âge d la Machine | hrs | Client Info | | 14453 | 13515 | 12386 |
| Âge de l'huile | hrs | Client Info | | 476 | 500 | 548 |
| Âge du filtre | hrs | Client Info | | 476 | 500 | 548 |
| Huile changée | | Client Info | | Not Chngd | Changed | Changed |
| Filtre changé | | Client Info | | Not Chngd | Changed | Changed |
| Statut de l'échant. | | | | NORMAL | NORMAL | NORMAL |

USURE

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

| | | | | | | |
|-----------|-----|---------------|------|--------------|----|----|
| Fer | ppm | ASTM D5185(m) | >165 | 55 | 55 | 49 |
| Chrome | ppm | ASTM D5185(m) | >5 | 2 | 2 | 2 |
| Nickel | ppm | ASTM D5185(m) | >4 | <1 | 0 | <1 |
| Titane | ppm | ASTM D5185(m) | >2 | 0 | 0 | <1 |
| Argent | ppm | ASTM D5185(m) | >2 | 0 | <1 | 0 |
| Aluminium | ppm | ASTM D5185(m) | >20 | 4 | 6 | 4 |
| Plomb | ppm | ASTM D5185(m) | >150 | 8 | 4 | 5 |
| Cuivre | ppm | ASTM D5185(m) | >90 | 2 | <1 | <1 |
| Étain | ppm | ASTM D5185(m) | >5 | <1 | 0 | <1 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |

CONTAMINATION

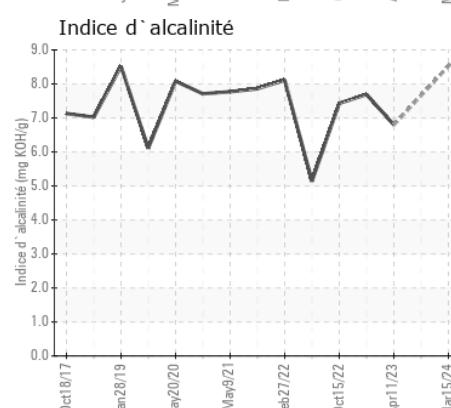
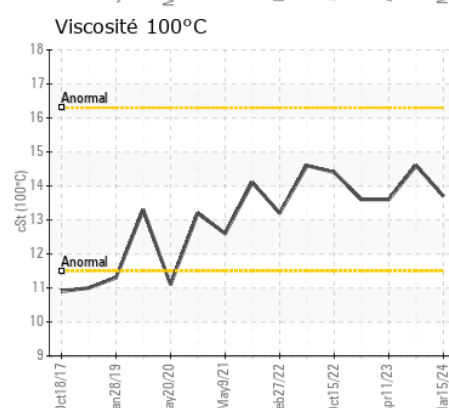
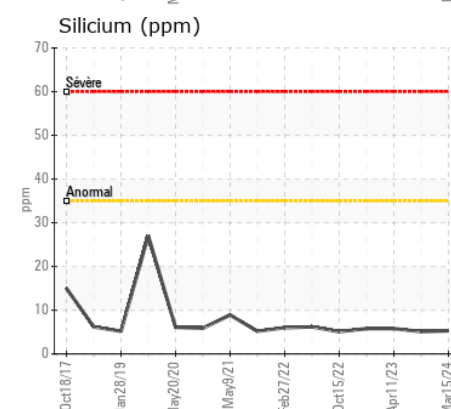
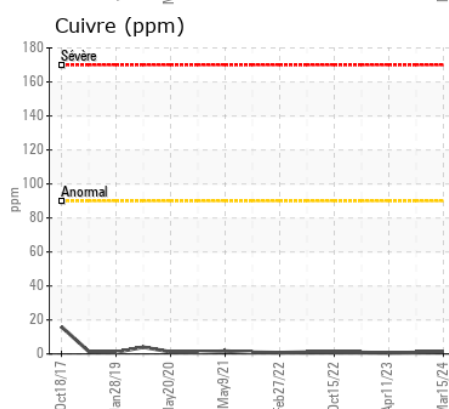
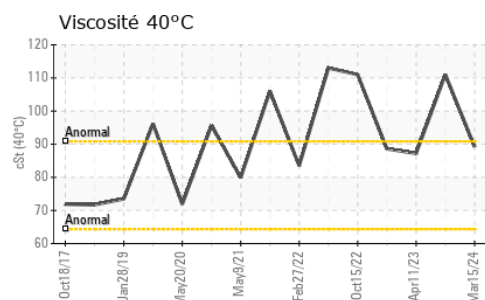
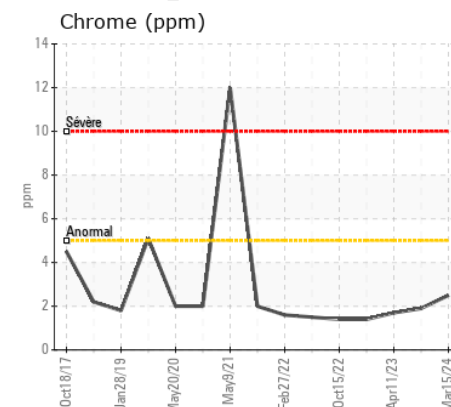
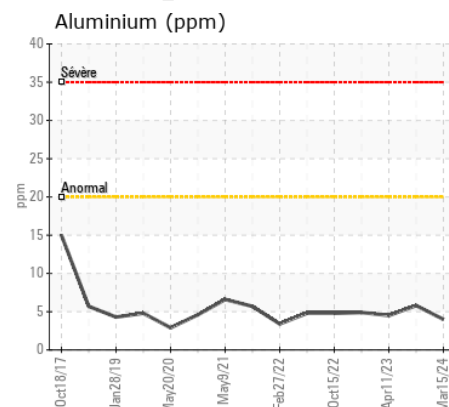
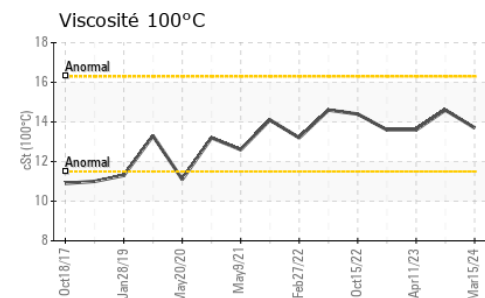
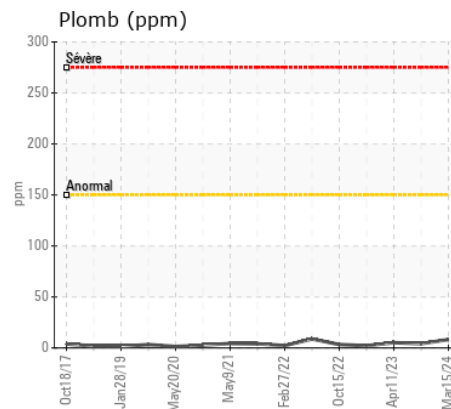
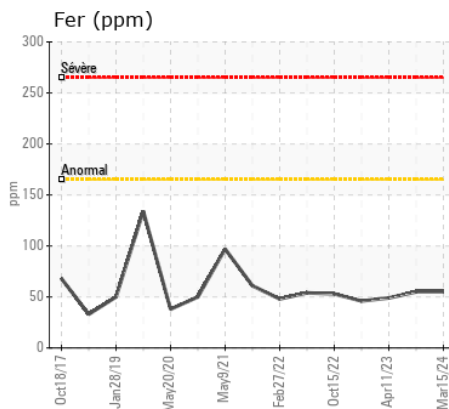
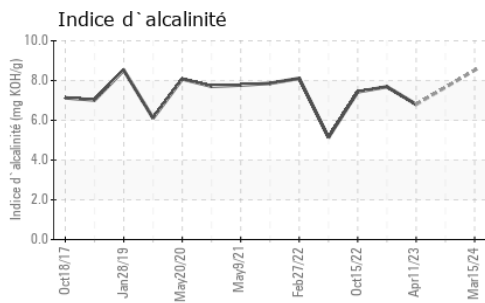
Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|------|----------------|------|------|
| Silicium | ppm | ASTM D5185(m) | >35 | 5 | 5 | 6 |
| Potassium | ppm | ASTM D5185(m) | >20 | 1 | 2 | 1 |
| Essence | | WC Method | >3.0 | <1.0 | <1.0 | <1.0 |
| L'eau | | WC Method | >0.2 | NEG | NEG | NEG |
| Glycol | | WC Method | | NEG | NEG | NEG |
| % de suie | % | ASTM D7844* | >7.5 | 0.7 | 0.9 | 0.9 |
| Nitration | Abs/cm | ASTM D7624* | >20 | 14.1 | 13.3 | 14.8 |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 29.3 | 26.3 | 28.9 |
| 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 d'en prolonger l'utilisation.

| | | | | | | |
|--------------------------|----------|---------------|-----|-------------|------|------|
| Sodium | ppm | ASTM D5185(m) | | 5 | 2 | 6 |
| Bore | ppm | ASTM D5185(m) | | 26 | 2 | 19 |
| Baryum | ppm | ASTM D5185(m) | | 0 | <1 | 0 |
| Molybdène | ppm | ASTM D5185(m) | | 69 | 66 | 67 |
| Manganèse | ppm | ASTM D5185(m) | | 0 | <1 | <1 |
| Magnésium | ppm | ASTM D5185(m) | | 1227 | 1072 | 1220 |
| Calcium | ppm | ASTM D5185(m) | | 989 | 1130 | 952 |
| Phosphore | ppm | ASTM D5185(m) | | 1102 | 1067 | 1161 |
| Zinc | ppm | ASTM D5185(m) | | 1333 | 1306 | 1345 |
| Soufre | ppm | ASTM D5185(m) | | 2779 | 2498 | 2873 |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 27.6 | 22.5 | 26.2 |
| Indice d'alcalinité | mg KOH/g | ASTM D2896* | | 8.52 | --- | 6.80 |
| Visc 40°C | cSt | ASTM D7279(m) | | 89.2 | 111 | 87.2 |
| Visc 100°C | cSt | ASTM D7279(m) | | 13.7 | 14.6 | 13.6 |
| Indice de viscosité (VI) | Scale | ASTM D2270* | | 156 | 134 | 158 |



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9

N° d'échantillon : PC0079736

N° de laboratoire : 02625124

Numéro unique : 5750243

Analyse : MOB 2 (Additional Tests: KV40, VI)

Reçu : 28 Mar 2024

Tested : 28 Mar 2024

Diagnostiqué : 01 Apr 2024 - Kevin Marson

HUILES DESROCHES INC.
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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.

La validez de los resultados y la interpretación se basan en la muestra y la información proporcionada.