



RAPPORT D'ANALYSE D'HUILE

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

Identité de la machine

KENWORTH 20-23

Composant

Moteur diesel

Fluid

APRIL SUPERFLO SUPERPRO RXL SYN 5W40 (--- GAL)

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 | | ASF0000367 | ASF0000201 | ASF0000340 |
| Date d'échant. | | Client Info | | 12 Apr 2024 | 02 Feb 2024 | 17 Aug 2023 |
| Âge d la Machine | hrs | Client Info | | 1232 | 752 | 1821 |
| Âge de l'huile | hrs | Client Info | | 480 | 450 | 475 |
| Âge du filtre | hrs | Client Info | | 0 | 450 | 0 |
| Huile changée | | Client Info | | Changed | Changed | Changed |
| Filtre changé | | Client Info | | Changed | 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) | >90 | 12 | 16 | 20 |
| Chrome | ppm | ASTM D5185(m) | >20 | <1 | <1 | 2 |
| Nickel | ppm | ASTM D5185(m) | >2 | <1 | <1 | <1 |
| Titane | ppm | ASTM D5185(m) | >2 | 0 | 0 | 0 |
| Argent | ppm | ASTM D5185(m) | >2 | 0 | 0 | <1 |
| Aluminium | ppm | ASTM D5185(m) | >20 | 4 | 4 | 25 |
| Plomb | ppm | ASTM D5185(m) | >40 | 0 | <1 | 1 |
| Cuivre | ppm | ASTM D5185(m) | >330 | <1 | <1 | 1 |
| Étain | ppm | ASTM D5185(m) | >15 | 0 | <1 | <1 |
| Vanadium | ppm | ASTM D5185(m) | | 0 | 0 | 0 |

CONTAMINATION

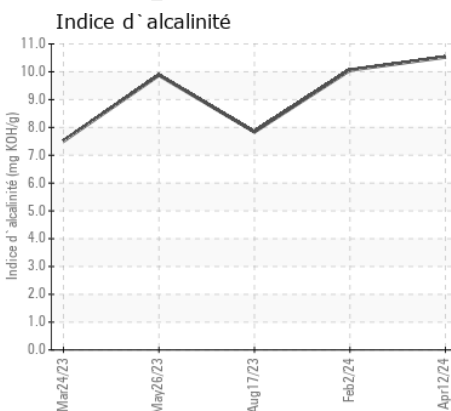
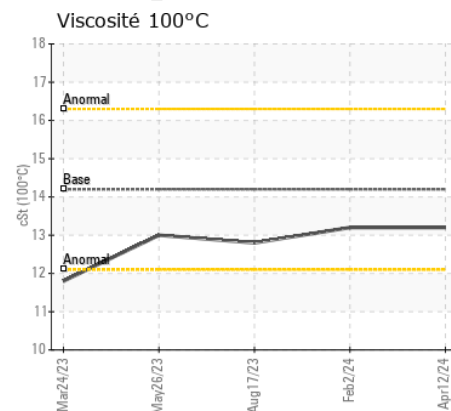
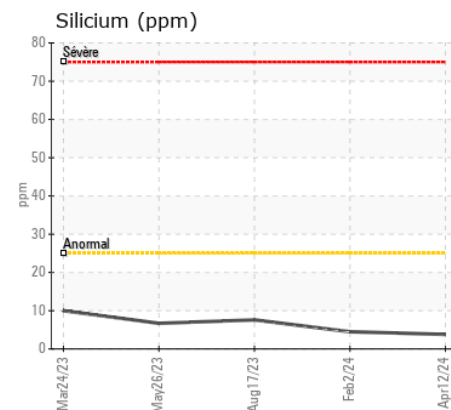
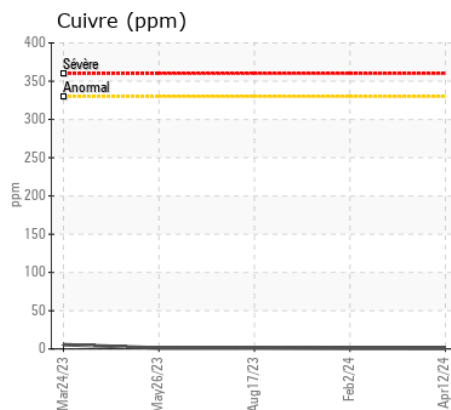
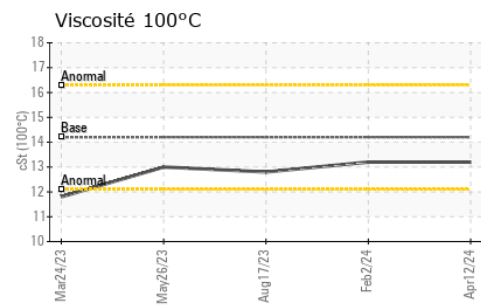
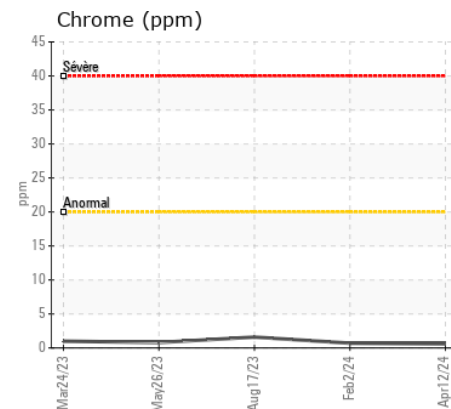
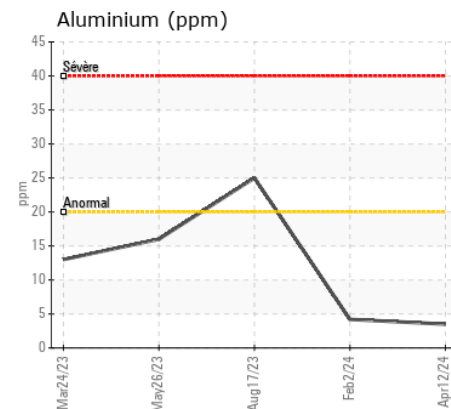
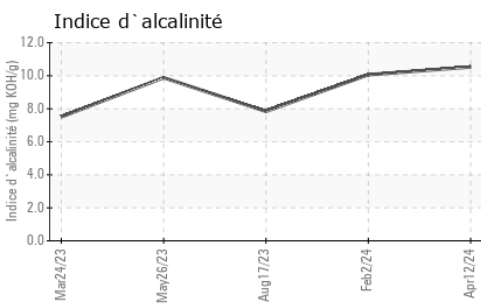
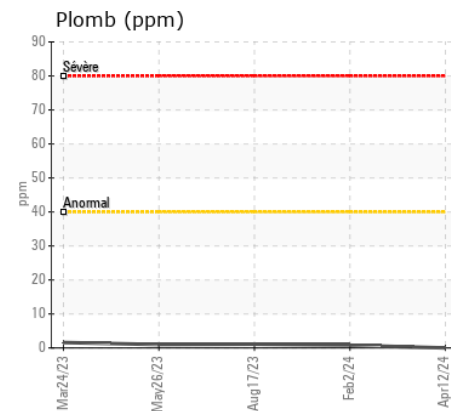
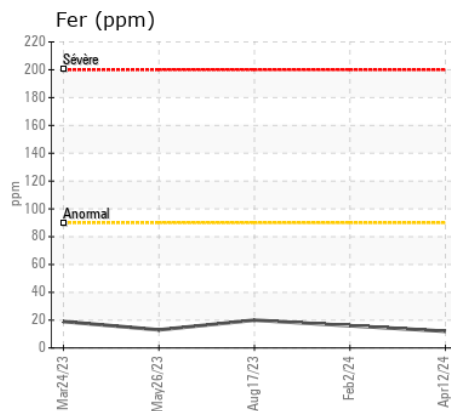
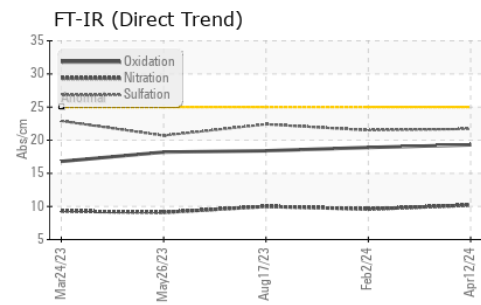
Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. Il n'y a aucun indice de contamination dans l'huile.

| | | | | | | |
|----------------|----------|---------------|------|----------------|------|------|
| Silicium | ppm | ASTM D5185(m) | >25 | 4 | 4 | 8 |
| Potassium | ppm | ASTM D5185(m) | >20 | 5 | 7 | 76 |
| 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* | >6 | 0.2 | 0.2 | 0.2 |
| Nitration | Abs/cm | ASTM D7624* | >20 | 10.2 | 9.6 | 10.0 |
| Sulfatation | Abs/.1mm | ASTM D7415* | >30 | 21.7 | 21.5 | 22.4 |
| 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 | 4 | 6 |
| Bore | ppm | ASTM D5185(m) | | 28 | 36 | 23 |
| Baryum | ppm | ASTM D5185(m) | | 0 | 0 | 0 |
| Molybdène | ppm | ASTM D5185(m) | | 61 | 59 | 59 |
| Manganèse | ppm | ASTM D5185(m) | | <1 | 0 | <1 |
| Magnésium | ppm | ASTM D5185(m) | | 1117 | 1097 | 1071 |
| Calcium | ppm | ASTM D5185(m) | | 871 | 822 | 872 |
| Phosphore | ppm | ASTM D5185(m) | | 993 | 993 | 1041 |
| Zinc | ppm | ASTM D5185(m) | | 1203 | 1181 | 1187 |
| Soufre | ppm | ASTM D5185(m) | | 2725 | 2881 | 2744 |
| Oxydation | Abs/.1mm | ASTM D7414* | >25 | 19.3 | 18.9 | 18.4 |
| Indice d'alcalinité | mg KOH/g | ASTM D2896* | | 10.53 | 10.06 | 7.84 |
| Visc 100°C | cSt | ASTM D7279(m) | 14.2 | 13.2 | 13.2 | 12.8 |



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : ASF0000367
N° de laboratoire : 02629885
Numéro unique : 5763017
Analyse : MOB 2
Reçu : 18 Apr 2024
Tested : 19 Apr 2024
Diagnostiqué : 19 Apr 2024 - Wes Davis

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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.