



Identité de la machine

300512

Composant

Transmission

Fluide

ZF ECOFLUID LIFE (--- GAL)

RECOMMANDATION

Nous avons pris note que la vidange d'huile a été effectuée au moment de l'échantillonnage. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Aucune autre mesure corrective n'est recommandée pour l'instant.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|---------------------|-----|-------------|-----------|--------------------|----------|----------|
| Numéro d'échant. | | Client Info | | PC0073564 | --- | --- |
| Date d'échant. | | Client Info | | 15 Jun 2023 | --- | --- |
| Âge d la Machine | kms | Client Info | | 1123979 | --- | --- |
| Âge de l'huile | kms | Client Info | | 12500 | --- | --- |
| Âge du filtre | kms | Client Info | | 12500 | --- | --- |
| Huile changée | | Client Info | | Changed | --- | --- |
| Filtre changé | | Client Info | | Changed | --- | --- |
| Statut de l'échant. | | | | NORMAL | --- | --- |

USURE

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

| | | | | | | |
|-------------|--------|---------------|------|--------------|-----|-----|
| Fer | ppm | ASTM D5185(m) | >200 | 69 | --- | --- |
| Chrome | ppm | ASTM D5185(m) | >10 | <1 | --- | --- |
| Nickel | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Titane | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Argent | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Aluminium | ppm | ASTM D5185(m) | >50 | 4 | --- | --- |
| Plomb | ppm | ASTM D5185(m) | >50 | 0 | --- | --- |
| Cuivre | ppm | ASTM D5185(m) | >200 | 6 | --- | --- |
| Étain | ppm | ASTM D5185(m) | >10 | 0 | --- | --- |
| Vanadium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Métal blanc | scalar | Visual* | NONE | VLITE | --- | --- |
| Bronze | scalar | Visual* | NONE | NONE | --- | --- |

CONTAMINATION

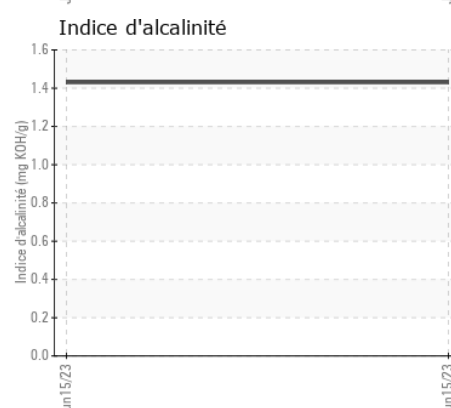
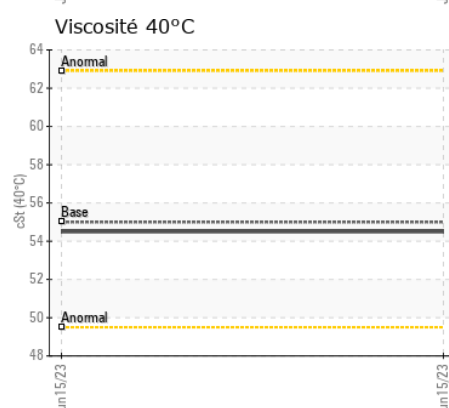
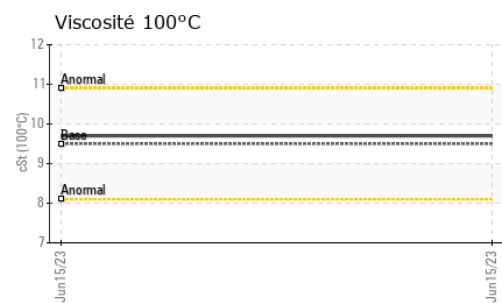
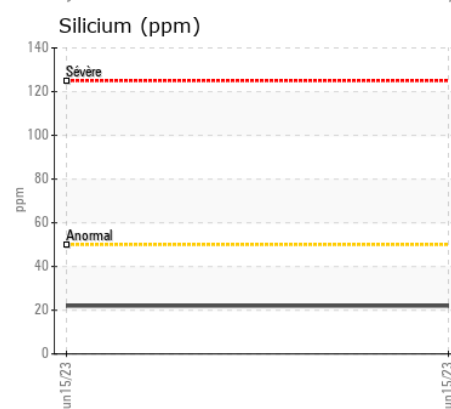
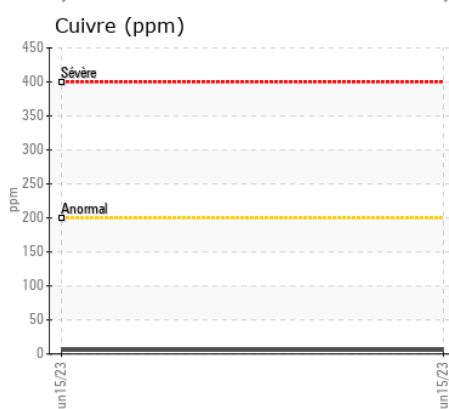
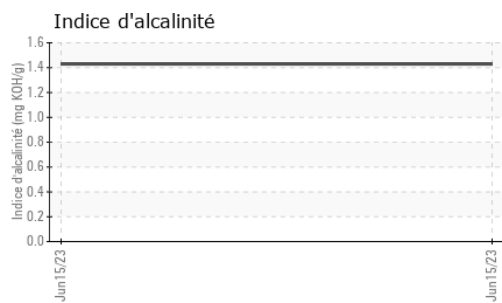
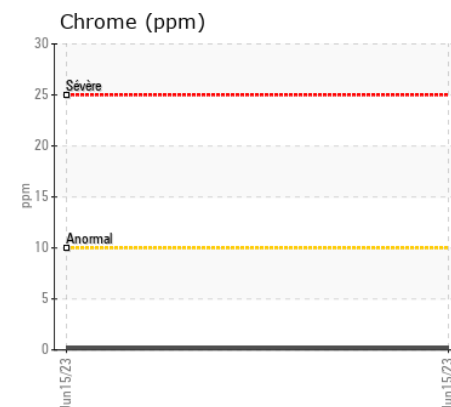
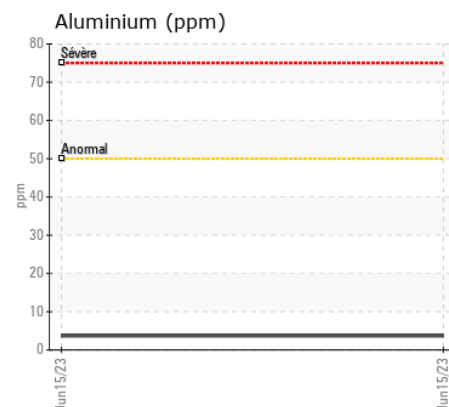
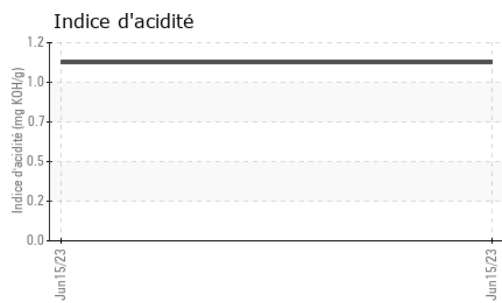
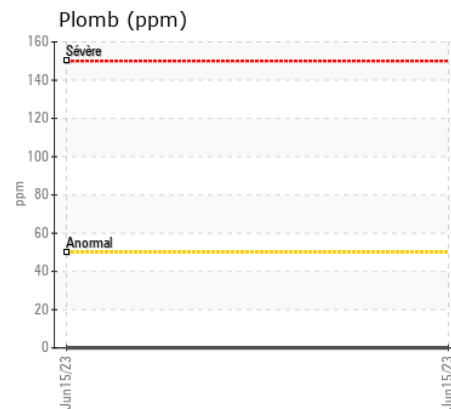
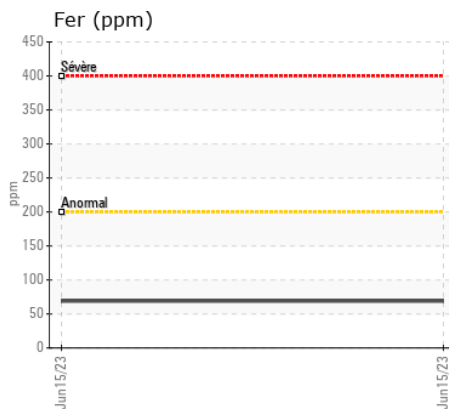
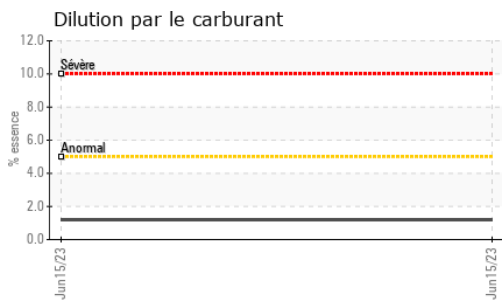
Légère dilution de carburant dans le fluide. Aucun autre contaminant n'a été détecté dans le fluide.

| | | | | | | |
|----------------|----------|---------------|-------|--------------|-----|-----|
| Silicium | ppm | ASTM D5185(m) | >50 | 22 | --- | --- |
| Potassium | ppm | ASTM D5185(m) | >20 | <1 | --- | --- |
| Essence | % | ASTM D7593* | | 1.2 | --- | --- |
| % de suie | % | ASTM D7844* | | 0 | --- | --- |
| Nitration | Abs/cm | ASTM D7624* | | 4.1 | --- | --- |
| Sulfatation | Abs/.1mm | ASTM D7415* | | 30.9 | --- | --- |
| Limon | scalar | Visual* | NONE | NONE | --- | --- |
| Débris | scalar | Visual* | NONE | NONE | --- | --- |
| Saleté | scalar | Visual* | NONE | NONE | --- | --- |
| Apparence | scalar | Visual* | NORML | NORML | --- | --- |
| Odeur | scalar | Visual* | NORML | NORML | --- | --- |
| Eau émulsifiée | scalar | Visual* | >0.1 | NEG | --- | --- |

ÉTAT DU FLUIDE

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

| | | | | | | |
|--------------------------|----------|---------------|------|--------------|-----|-----|
| Sodium | ppm | ASTM D5185(m) | | 4 | --- | --- |
| Bore | ppm | ASTM D5185(m) | | 97 | --- | --- |
| Baryum | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Molybdène | ppm | ASTM D5185(m) | | <1 | --- | --- |
| Manganèse | ppm | ASTM D5185(m) | | <1 | --- | --- |
| Magnésium | ppm | ASTM D5185(m) | | 1 | --- | --- |
| Calcium | ppm | ASTM D5185(m) | | 54 | --- | --- |
| Phosphore | ppm | ASTM D5185(m) | | 233 | --- | --- |
| Zinc | ppm | ASTM D5185(m) | | 6 | --- | --- |
| Soufre | ppm | ASTM D5185(m) | | 793 | --- | --- |
| Oxydation | Abs/.1mm | ASTM D7414* | | 30.5 | --- | --- |
| Indice d'acidité | mg KOH/g | ASTM D974* | | 1.08 | --- | --- |
| Indice d'alcalinité | mg KOH/g | ASTM D2896* | | 1.43 | --- | --- |
| Visc 40°C | cSt | ASTM D7279(m) | 55.0 | 54.5 | --- | --- |
| Visc 100°C | cSt | ASTM D7279(m) | 9.5 | 9.7 | --- | --- |
| Indice de viscosité (VI) | Scale | ASTM D2270* | | 164 | --- | --- |



ISO 17025:2017
Accredited
Laboratory

Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0073564
N° de laboratoire : 02567182
Numéro unique : 5604228
Analyse : MOB 2 (Additional Tests: FT-IR, FuelDilution, KV100, PercentFuel, TAN Man, TBN, VI)

Reçu : 29 Jun 2023
Diagnostiqué : 30 Jun 2023
Diagnostiqueur : Kevin Marson

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 olivier.tardif@transdev.com

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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