



RAPPORT D'ANALYSE D'HUILE

Sample Rating Trend



NORMALE



Secteur

GROUPE DRAGON [E15082023C]

Identité de la machine

HITACHI ZX50U-SN 981 (S/N HCMAED60L00292829)

Composant

Huile (inutilisée) neuve Référence

Fluid

PANOLIN HLP SYNTH 46 (66 LTR)

DIAGNOSTIC

Recommandation

Il s'agit du relevé de base de l'échantillon soumis.

| INFORMATION SUR L'ÉCHANTILLON | | methode | limite/base | actuel | passé1 | passé2 |
|-------------------------------|-------------|-------------|-------------|--------------------|--------|--------|
| Numéro d'échant. | Client Info | | | WC | --- | --- |
| Date d'échant. | Client Info | | | 10 Apr 2024 | --- | --- |
| Âge d la Machine | hrs | Client Info | | 1432 | --- | --- |
| Âge de l'huile | hrs | Client Info | | 0 | --- | --- |
| Huile changée | Client Info | | | N/A | --- | --- |
| Statut de l'échant. | | | | NORMAL | --- | --- |

| CONTAMINATION | | methode | limite/base | actuel | passé1 | passé2 |
|---------------|-----------|---------|-------------|------------|--------|--------|
| L'eau | WC Method | | >0.05 | NEG | --- | --- |

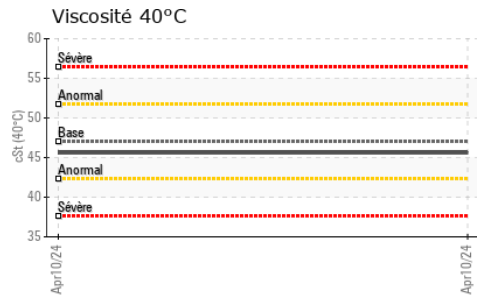
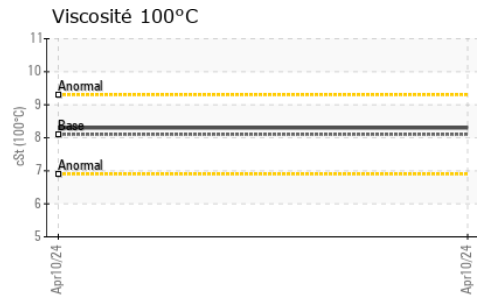
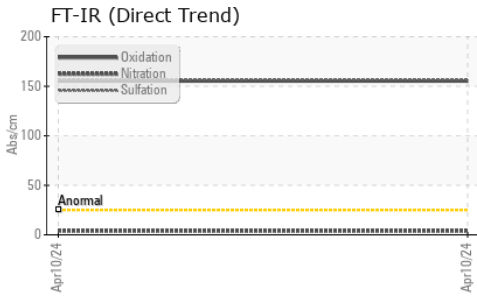
| MÉTAUX D'USURE | | methode | limite/base | actuel | passé1 | passé2 |
|----------------|-----|---------------|-------------|--------------|--------|--------|
| Fer | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Chrome | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Nickel | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Titane | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Argent | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Aluminium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Plomb | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Cuivre | ppm | ASTM D5185(m) | | <1 | --- | --- |
| Étain | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Antimoine | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Vanadium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Béryllium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Cadmium | ppm | ASTM D5185(m) | | 0 | --- | --- |

| ADDITIFS | | methode | limite/base | actuel | passé1 | passé2 |
|-----------|-----|---------------|-------------|--------------|--------|--------|
| Bore | ppm | ASTM D5185(m) | 0 | <1 | --- | --- |
| Baryum | ppm | ASTM D5185(m) | 0 | 0 | --- | --- |
| Molybdène | ppm | ASTM D5185(m) | 0 | 0 | --- | --- |
| Manganèse | ppm | ASTM D5185(m) | 0 | 0 | --- | --- |
| Magnésium | ppm | ASTM D5185(m) | 0 | <1 | --- | --- |
| Calcium | ppm | ASTM D5185(m) | 0 | 12 | --- | --- |
| Phosphore | ppm | ASTM D5185(m) | 1700 | 1485 | --- | --- |
| Zinc | ppm | ASTM D5185(m) | 0 | 11 | --- | --- |
| Soufre | ppm | ASTM D5185(m) | 1350 | 1246 | --- | --- |
| Lithium | ppm | ASTM D5185(m) | | <1 | --- | --- |

| CONTAMINANTS | | methode | limite/base | actuel | passé1 | passé2 |
|--------------|-----|---------------|-------------|--------------|--------|--------|
| Silicium | ppm | ASTM D5185(m) | | 0 | --- | --- |
| Sodium | ppm | ASTM D5185(m) | | <1 | --- | --- |
| Potassium | ppm | ASTM D5185(m) | >20 | <1 | --- | --- |

| INFRA-RED | | methode | limite/base | actuel | passé1 | passé2 |
|-------------|----------|-------------|-------------|--------------|--------|--------|
| % de suie | % | ASTM D7844* | | 0 | --- | --- |
| Nitration | Abs/cm | ASTM D7624* | | 4.0 | --- | --- |
| Sulfatation | Abs/.1mm | ASTM D7415* | | 156.8 | --- | --- |

| FLUID DEGRADATION | | methode | limite/base | actuel | passé1 | passé2 |
|-------------------|----------|-------------|-------------|--------------|--------|--------|
| Oxydation | Abs/.1mm | ASTM D7414* | | 155.2 | --- | --- |



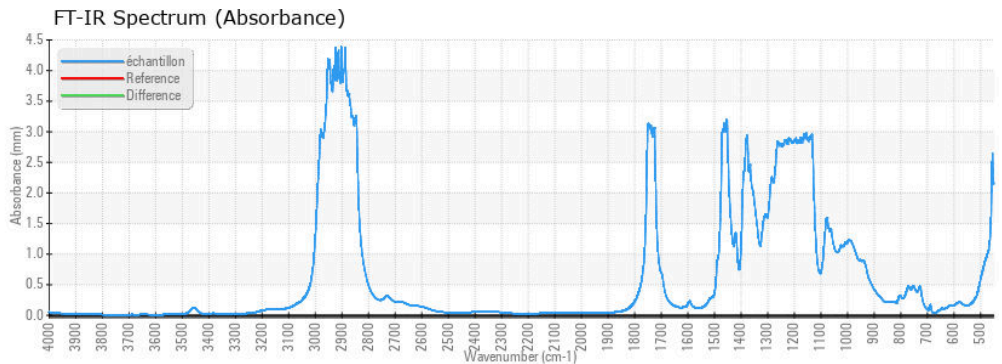
| VISUEL | methode | limite/base | actuel | passé1 | passé2 |
|-------------|---------|-------------|--------|--------|--------|
| Métal blanc | scalar | Visual* | NONE | NONE | --- |
| Bronze | scalar | Visual* | NONE | NONE | --- |
| Précipié | scalar | Visual* | NONE | NONE | --- |
| Limon | scalar | Visual* | NONE | NONE | --- |
| Débris | scalar | Visual* | NONE | NONE | --- |
| Saleté | scalar | Visual* | NONE | NONE | --- |
| Apparence | scalar | Visual* | NORML | NORML | --- |
| Odeur | scalar | Visual* | NORML | NORML | --- |

| PROPRIÉTÉS DU FLUID | methode | limite/base | actuel | passé1 | passé2 |
|--------------------------|---------|---------------|--------|-------------|--------|
| Visc 40°C | cSt | ASTM D7279(m) | 47.0 | 45.6 | --- |
| Visc 100°C | cSt | ASTM D7279(m) | 8.1 | 8.3 | --- |
| Indice de viscosité (VI) | Scale | ASTM D2270* | 146 | 159 | --- |

| IMAGES DE L'ÉCHANTILLON | methode | limite/base | actuel | passé1 | passé2 |
|-------------------------|---------|-------------|--------|--------|--------|
|-------------------------|---------|-------------|--------|--------|--------|

| | | | |
|--------|--|----------|----------|
| Coluer | | no image | no image |
| Fond | | no image | no image |

GRAPHIQUES



ISO 17025:2017
Accredited
Laboratory

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

N° d'échantillon : WC

N° de laboratoire : 02629075

Numéro unique : 5762207

Analyse : TEST (Additional Tests: ICP-NewOil)

Reçu : 15 Apr 2024

Tested : 16 Apr 2024

Diagnostiqué : 22 Apr 2024 - Bill Quesnel

Envirolin Canada

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Pour discuter cette 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.