



# RAPPORT D'ANALYSE D'HUILE

|                |               |
|----------------|---------------|
| USURE          | <b>NORMAL</b> |
| CONTAMINATION  | <b>NORMAL</b> |
| ÉTAT DU FLUIDE | <b>NORMAL</b> |

Secteur

## BENSON GROUP

Identité de la machine

### BOTTLE #1

Composant

### Boîte à engrenages

Fluid

### ELEMENT X 80W90 (--- GAL)

#### RECOMMENDATION

Resample at the next service interval to monitor. Please specify the component make and model with your next sample. Please note that this is a corrected copy for data entry updates.

| Test                | UOM | Method      | Limit/Abn | Current       | History1 | History2 |
|---------------------|-----|-------------|-----------|---------------|----------|----------|
| Numéro d'échant.    |     | Client Info |           | ASF0000496    | ---      | ---      |
| Date d'échant.      |     | Client Info |           | 17 Jun 2024   | ---      | ---      |
| Âge d la Machine    | hrs | Client Info |           | 0             | ---      | ---      |
| Âge de l'huile      | hrs | Client Info |           | 0             | ---      | ---      |
| Âge du filtre       | hrs | Client Info |           | 0             | ---      | ---      |
| Huile changée       |     | Client Info |           | N/A           | ---      | ---      |
| Filtre changé       |     | Client Info |           | N/A           | ---      | ---      |
| Statut de l'échant. |     |             |           | <b>NORMAL</b> | ---      | ---      |

#### USURE

All component wear rates are normal.

|             |        |               |      |             |     |     |
|-------------|--------|---------------|------|-------------|-----|-----|
| Fer         | ppm    | ASTM D5185(m) | >500 | 1           | --- | --- |
| Chrome      | ppm    | ASTM D5185(m) | >8   | 0           | --- | --- |
| Nickel      | ppm    | ASTM D5185(m) | >5   | <1          | --- | --- |
| Titane      | ppm    | ASTM D5185(m) |      | 0           | --- | --- |
| Argent      | ppm    | ASTM D5185(m) |      | 0           | --- | --- |
| Aluminium   | ppm    | ASTM D5185(m) | >20  | <1          | --- | --- |
| Plomb       | ppm    | ASTM D5185(m) | >15  | 0           | --- | --- |
| Cuivre      | ppm    | ASTM D5185(m) | >100 | <1          | --- | --- |
| Étain       | ppm    | ASTM D5185(m) | >5   | 2           | --- | --- |
| Vanadium    | ppm    | ASTM D5185(m) |      | 0           | --- | --- |
| Métal blanc | scalar | Visual*       | NONE | <b>NONE</b> | --- | --- |
| Bronze      | scalar | Visual*       | NONE | <b>NONE</b> | --- | --- |

#### CONTAMINATION

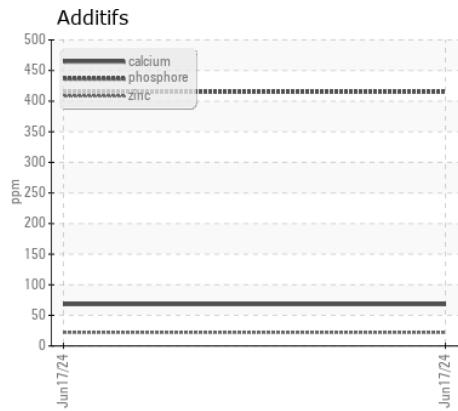
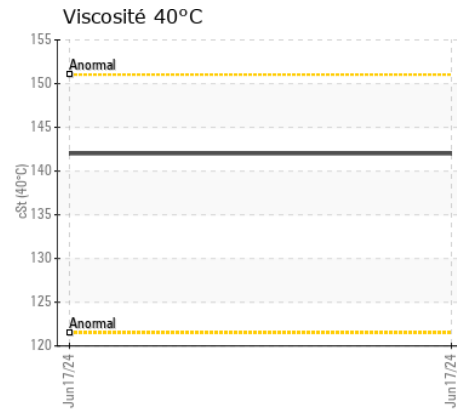
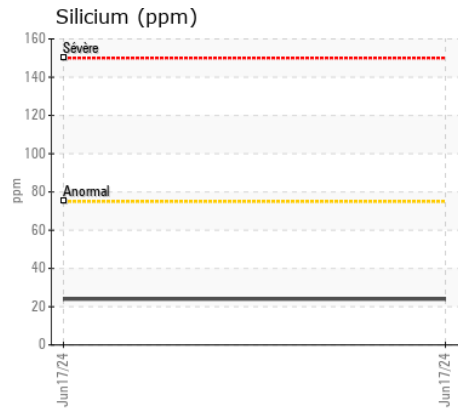
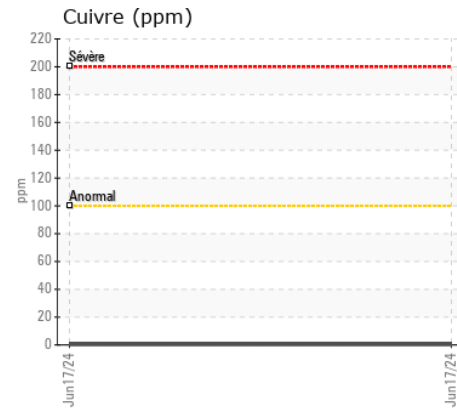
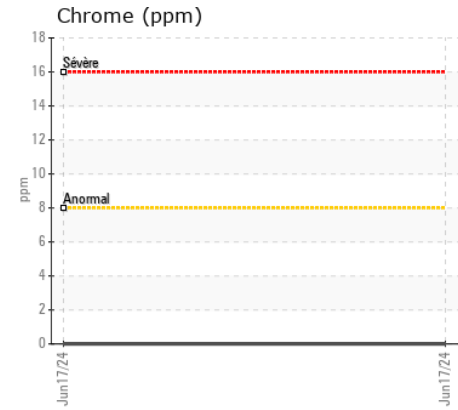
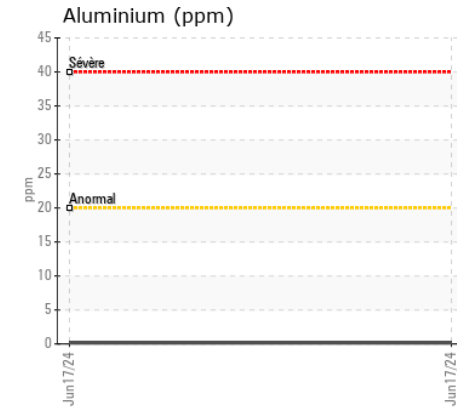
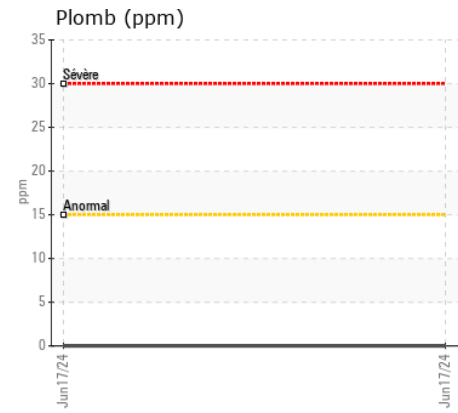
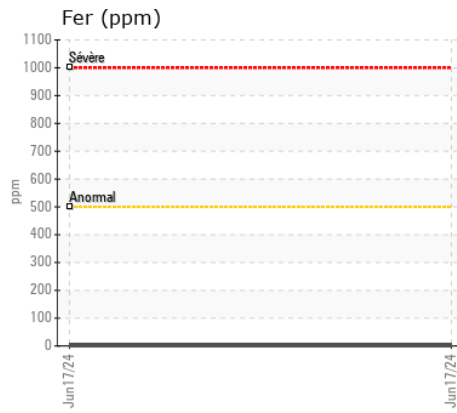
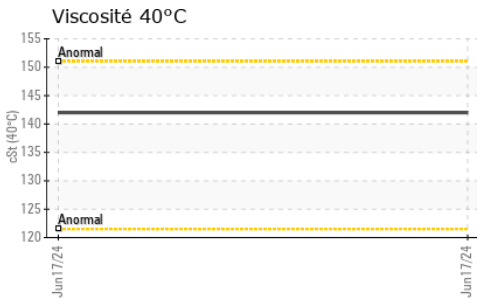
There is no indication of any contamination in the oil.

|                |        |               |       |              |     |     |
|----------------|--------|---------------|-------|--------------|-----|-----|
| Silicium       | ppm    | ASTM D5185(m) | >75   | 24           | --- | --- |
| Potassium      | ppm    | ASTM D5185(m) | >20   | <1           | --- | --- |
| L'eau          |        | WC Method     | >0.2  | <b>NEG</b>   | --- | --- |
| Limon          | scalar | Visual*       | NONE  | <b>NONE</b>  | --- | --- |
| Débris         | scalar | Visual*       | NONE  | <b>VLITE</b> | --- | --- |
| Saleté         | scalar | Visual*       | NONE  | <b>NONE</b>  | --- | --- |
| Apparence      | scalar | Visual*       | NORML | <b>HAZY</b>  | --- | --- |
| Odeur          | scalar | Visual*       | NORML | <b>NORML</b> | --- | --- |
| Eau émulsifiée | scalar | Visual*       | >0.2  | <b>NEG</b>   | --- | --- |

#### ÉTAT DU FLUIDE

The condition of the oil is acceptable for the time in service.

|           |     |               |  |       |     |     |
|-----------|-----|---------------|--|-------|-----|-----|
| Sodium    | ppm | ASTM D5185(m) |  | 2     | --- | --- |
| Bore      | ppm | ASTM D5185(m) |  | 3     | --- | --- |
| Baryum    | ppm | ASTM D5185(m) |  | 0     | --- | --- |
| Molybdène | ppm | ASTM D5185(m) |  | 0     | --- | --- |
| Manganèse | ppm | ASTM D5185(m) |  | 0     | --- | --- |
| Magnésium | ppm | ASTM D5185(m) |  | 5     | --- | --- |
| Calcium   | ppm | ASTM D5185(m) |  | 68    | --- | --- |
| Phosphore | ppm | ASTM D5185(m) |  | 415   | --- | --- |
| Zinc      | ppm | ASTM D5185(m) |  | 22    | --- | --- |
| Soufre    | ppm | ASTM D5185(m) |  | 14846 | --- | --- |
| Visc 40°C | cSt | ASTM D7279(m) |  | 142   | --- | --- |



ISO 17025:2017  
Accredited  
Laboratory

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

**N° d'échantillon** : ASF0000496

**N° de laboratoire** : 02644678

**Numéro unique** : 5802217

**Analyse** : MOB 1

**Reçu** : 28 Jun 2024

**Tested** : 10 Jul 2024

**Diagnostiqué** : 10 Jul 2024 - Kevin Marson

**BENSON GROUP**  
700 EDUCATION RD  
CORNWALL, ON  
CA K6H 6B8  
Contact: Service Manager

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.

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F: