



Identité de la machine

1254

Composant

Liquide de refroidissement

Fluid

EXTENDED LIFE COOLANT (--- GAL)

RECOMMENDATION

We recommend that you drain the system and refill with a 50/50 long-life coolant/water mixture. We recommend an early resample to monitor this condition.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|---------------------|-----|-------------|-----------|--------------------|----------|----------|
| Numéro d'échant. | | Client Info | | PC0085116 | --- | --- |
| Date d'échant. | | Client Info | | 11 Jun 2024 | --- | --- |
| Âge d la Machine | kms | Client Info | | 97648 | --- | --- |
| Âge de l'huile | kms | Client Info | | 0 | --- | --- |
| Huile changée | | Client Info | | N/A | --- | --- |
| Statut de l'échant. | | | | ABNORMAL | --- | --- |

CORROSION

Copper and iron ppm levels are abnormal. The iron level is high indicating rust in the system which clogs the cooling system. The high metal levels indicate corrosion in the system.

| | | | | | | |
|-----------|-----|---------------|-----|--------------|-----|-----|
| Fer | ppm | ASTM D5185(m) | >15 | ▲ 15 | --- | --- |
| Aluminium | ppm | ASTM D5185(m) | >10 | <1 | --- | --- |
| Cuivre | ppm | ASTM D5185(m) | >10 | ▲ 14 | --- | --- |
| Plomb | ppm | ASTM D5185(m) | >10 | 0 | --- | --- |
| Étain | ppm | ASTM D5185(m) | >10 | 0 | --- | --- |
| Argent | ppm | ASTM D5185(m) | >10 | <1 | --- | --- |
| Zinc | ppm | ASTM D5185(m) | >10 | 6 | --- | --- |

CONTAMINANTS

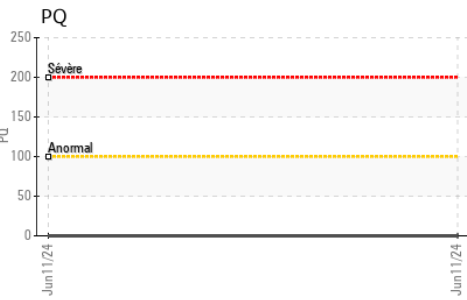
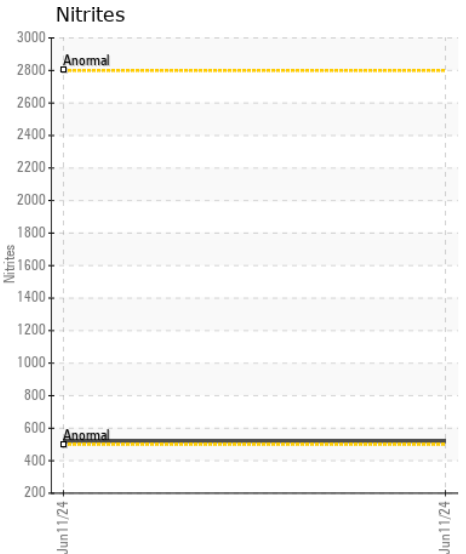
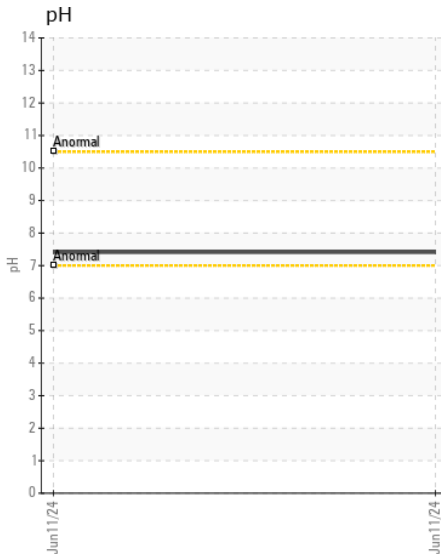
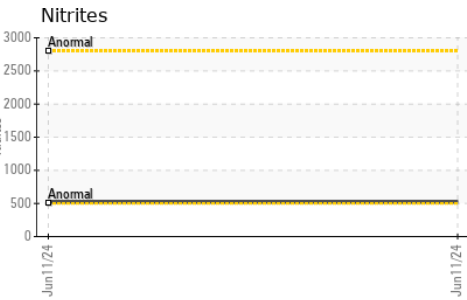
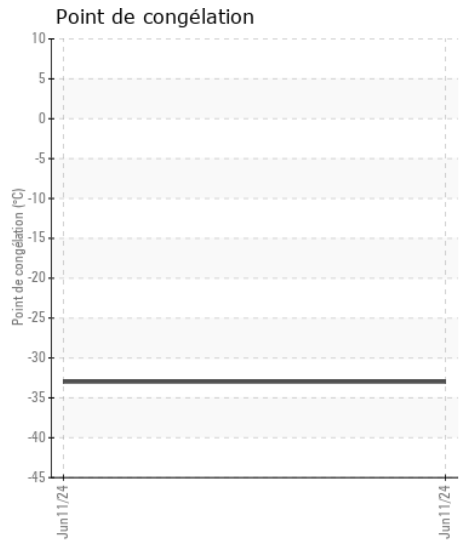
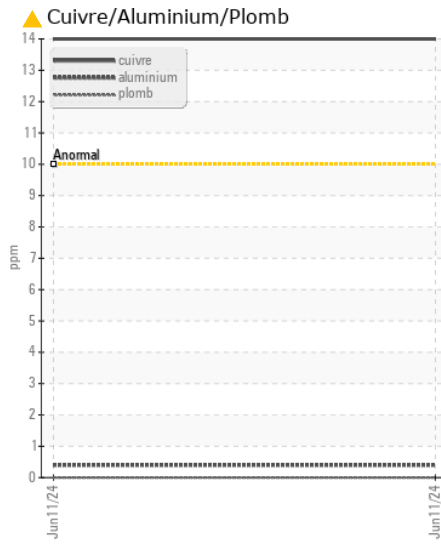
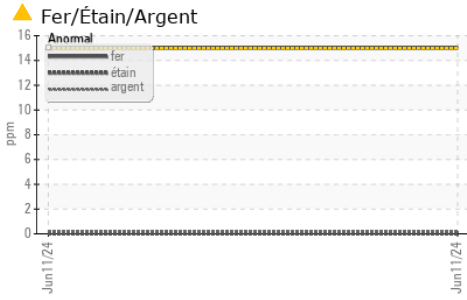
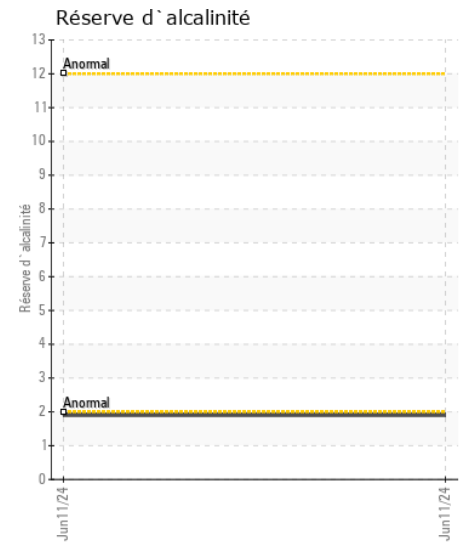
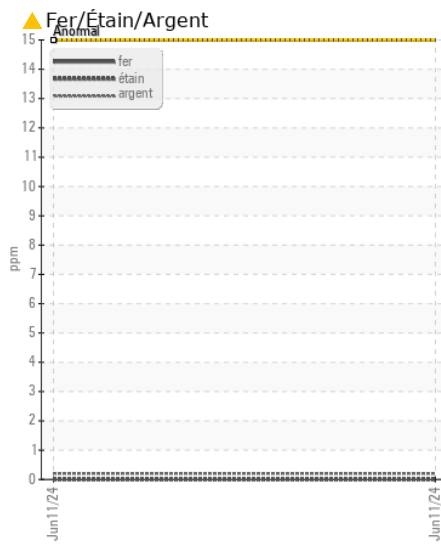
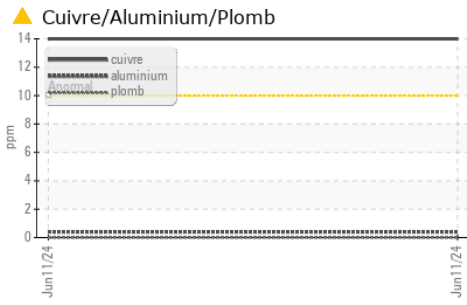
There is no indication of any contamination in the coolant.

| | | | | | | |
|---|--------|---------------|-------|--------------|-----|-----|
| Calcium | ppm | ASTM D5185(m) | >100 | 4 | --- | --- |
| Magnésium | ppm | ASTM D5185(m) | >40 | <1 | --- | --- |
| Apparence | scalar | Visual* | NORML | NORML | --- | --- |
| Odeur | scalar | Visual* | NORML | NORML | --- | --- |
| Apparence du liquide de refroidissement | | Visual* | Clear | Clear | --- | --- |

ÉTAT DU LIQUIDE REFROIDISSEMENT

The nitrite level is acceptable. The pH level of this fluid is within the acceptable limits.

| | | | | | | |
|---------------------------------------|------------|-----------------|----------|---------------|-----|-----|
| Point d'ébullition | °C | WC Method* | | 107 | --- | --- |
| Densité | | ASTM D1298* | | 1.065 | --- | --- |
| pH | Scale 0-14 | ASTM D1287* | 9.0 | 7.41 | --- | --- |
| Nitrites | ppm | Alcan Test Kit* | | 520 | --- | --- |
| Réserve d'alcalinité | Scale 0-20 | ASTM D1121* | | 1.9 | --- | --- |
| Pourcentage de glycol | % | ASTM D3321* | 50 | 47.9 | --- | --- |
| Point de congélation | °C | ASTM D3321* | -40 | -33 | --- | --- |
| Carboxylate | | | | --- | --- | --- |
| Silicium | ppm | ASTM D5185(m) | | 34 | --- | --- |
| Phosphore | ppm | ASTM D5185(m) | | 15 | --- | --- |
| Bore | ppm | ASTM D5185(m) | | 268 | --- | --- |
| Molybdène | ppm | ASTM D5185(m) | | 67 | --- | --- |
| Sodium | ppm | ASTM D5185(m) | | 2707 | --- | --- |
| Potassium | ppm | ASTM D5185(m) | | 309 | --- | --- |
| Couleur du liquide de refroidissement | | Visual* | Orange/R | Orange | --- | --- |



Laboratoire : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
N° d'échantillon : PC0085116
N° de laboratoire : 02641542
Numéro unique : 5799081
Analyse : COOL (Additional Tests: GlycolType, PQ)

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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.