



Secteur
MICHAUDVILLE
Identité de la machine
8509

Composant
Liquide de refroidissement
Fluid
{not provided} (--- GAL)

RECOMMENDATION

The fluid is suitable for further service. Resample at the next service interval to monitor.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|---------------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Numéro d'échant. | | Client Info | | PC0083559 | PC0082364 | PC0065846 |
| Date d'échant. | | Client Info | | 19 Feb 2024 | 14 Nov 2023 | 02 Nov 2022 |
| Âge d la Machine | hrs | Client Info | | 6728 | 6586 | 5566 |
| Âge de l'huile | hrs | Client Info | | 0 | 0 | 0 |
| Huile changée | | Client Info | | N/A | N/A | N/A |
| Statut de l'échant. | | | | NORMAL | ABNORMAL | ABNORMAL |

CORROSION

All metal levels are normal indicating no corrosion in the cooling system.

| | | | | | | |
|-----------|-----|---------------|-----|--------------|------|------|
| Fer | ppm | ASTM D5185(m) | >15 | 0 | 0 | 3 |
| Aluminium | ppm | ASTM D5185(m) | >10 | 2 | <1 | 1 |
| Cuivre | ppm | ASTM D5185(m) | >10 | 4 | ▲ 14 | ▲ 17 |
| Plomb | ppm | ASTM D5185(m) | >10 | 0 | 0 | 1 |
| Étain | ppm | ASTM D5185(m) | >10 | 0 | 0 | <1 |
| Argent | ppm | ASTM D5185(m) | >10 | <1 | <1 | 2 |
| Zinc | ppm | ASTM D5185(m) | >10 | 2 | 1 | 8 |

CONTAMINANTS

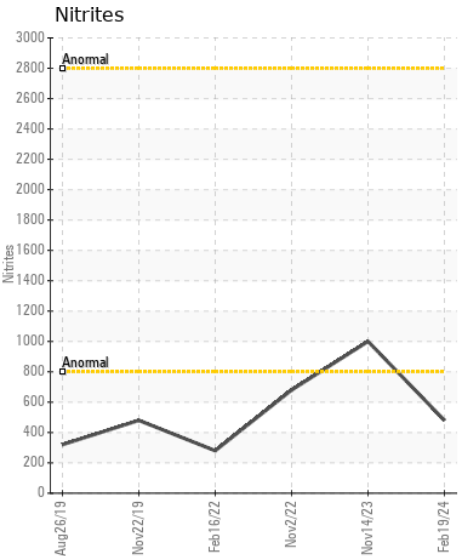
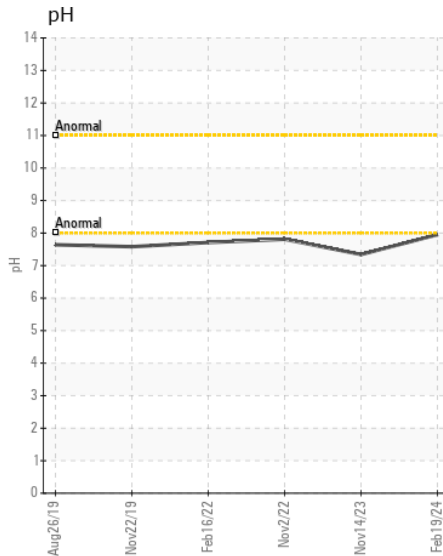
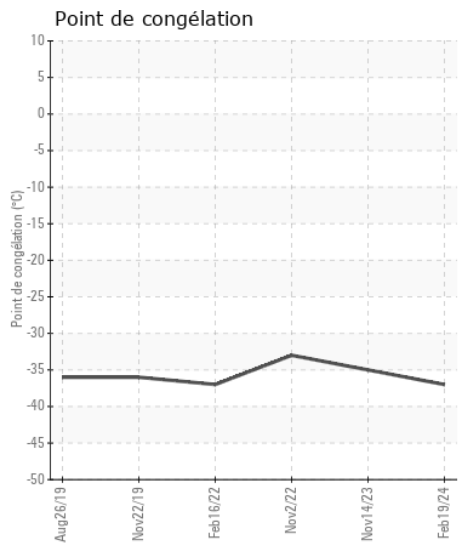
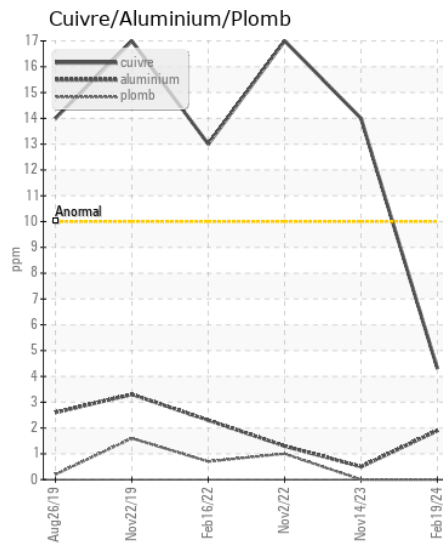
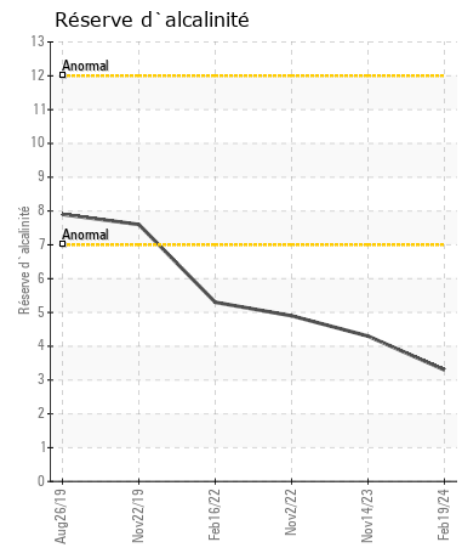
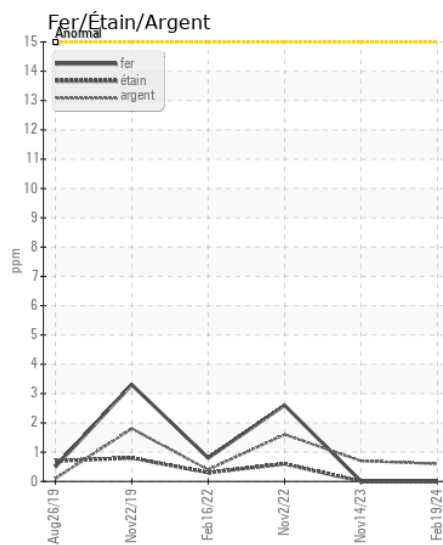
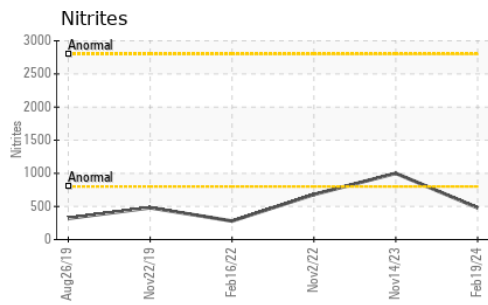
There is no indication of any contamination in the coolant.

| | | | | | | |
|---|--------|---------------|-------|--------------|-------|-------|
| Calcium | ppm | ASTM D5185(m) | >100 | 7 | 1 | 7 |
| Magnésium | ppm | ASTM D5185(m) | >40 | 2 | <1 | 3 |
| Apparence | scalar | Visual* | NORML | NORML | NORML | NORML |
| Odeur | scalar | Visual* | NORML | NORML | NORML | NORML |
| Apparence du liquide de refroidissement | | Visual* | Clear | Clear | Clear | Clear |

ÉTAT DU LIQUIDE REFROIDISSEMENT

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

| | | | | | | |
|---------------------------------------|------------|-----------------|--|---------------|--------|------------|
| Densité | | ASTM D1298* | | 1.068 | 1.067 | 1.067 |
| pH | Scale 0-14 | ASTM D1287* | | 7.95 | ▲ 7.34 | 7.81 |
| Nitrites | ppm | Alcan Test Kit* | | 480 | 1000 | 680 |
| Réserve d'alcalinité | Scale 0-20 | ASTM D1121* | | 3.3 | 4.3 | 4.9 |
| Pourcentage de glycol | % | ASTM D3321* | | 50.7 | 50.0 | 49.2 |
| Point de congélation | °C | ASTM D3321* | | -37 | -35 | -33 |
| Carboxylate | | | | --- | --- | --- |
| Silicium | ppm | ASTM D5185(m) | | 24 | 46 | 68 |
| Phosphore | ppm | ASTM D5185(m) | | 66 | 149 | 229 |
| Bore | ppm | ASTM D5185(m) | | 199 | 491 | 613 |
| Molybdène | ppm | ASTM D5185(m) | | 262 | 54 | 72 |
| Sodium | ppm | ASTM D5185(m) | | 7077 | 3591 | 2695 |
| Potassium | ppm | ASTM D5185(m) | | 398 | 959 | 972 |
| Couleur du liquide de refroidissement | | Visual* | | Orange | Green | Grn/Yellow |



ISO 17025:2017
Accredited
Laboratory

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

N° d'échantillon : PC0083559

N° de laboratoire : 02616802

Numéro unique : 5733912

Analyse : COOL (Additional Tests: GlycolType)

Reçu : 20 Feb 2024

Tested : 22 Feb 2024

Diagnostiqué : 22 Feb 2024 - Kevin Marson

LES ENTREPRISES MICHAUDVILLE INC.

270 RUE BRUNET

MONT ST-HILAIRE, QC

CA J3H 0M6

Contact: Martin Trudel

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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.

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