

COOLANT REPORT

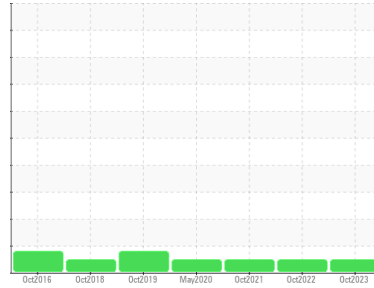
Sample Rating Trend

NORMAL



Area
DOUONE ABERCORN [209215]
Machine Id
PERKINS GD11086

Component
Coolant
Fluid
HYBRID (HOAT) COOLANT (--- GAL)



DIAGNOSIS

Recommendation

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Le fluide n'était pas spécifié, toutefois, une comparaison avec d'autres fluides indiqua que ce fluide est du (GENERIC) HYBRID (HOAT) COOLANT. Veuillez confirmer.

Corrosion

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

Contaminants

Il n'y a aucun indice de contamination dans l'agent de refroidissement.

Coolant Condition

L'état de l'agent de refroidissement est acceptable pour la durée de service.

| SAMPLE INFORMATION | | method | limit/base | current | history1 | history2 |
|--------------------|-------------|-------------|------------|--------------------|-------------|-------------|
| Sample Number | Client Info | | | WA0019879 | GD0005841 | GD0005357 |
| Sample Date | Client Info | | | 02 Oct 2023 | 11 Oct 2022 | 31 Oct 2021 |
| Machine Age | hrs | Client Info | | 910 | 0 | 777 |
| Oil Age | hrs | Client Info | | 0 | 0 | 0 |
| Oil Changed | Client Info | | | Not Chngd | N/A | Not Chngd |
| Sample Status | | | | NORMAL | NORMAL | NORMAL |

| PHYSICAL TEST RESULTS | | method | limit/base | current | history1 | history2 |
|-----------------------|-------------|-----------------|------------|--------------|----------|----------|
| Specific Gravity | ASTM D1298* | | | 1.072 | 1.069 | 1.076 |
| pH | Scale 0-14 | ASTM D1287* | | 7.41 | 8.45 | 8.72 |
| Nitrites | ppm | Alcan Test Kit* | | 240 | 280 | 600 |
| Reserve Alkalinity | Scale 0-20 | ASTM D1121* | | 3.6 | 2.7 | 12.2 |
| Percentage Glycol | % | ASTM D3321* | | 53.7 | 51.4 | 57.0 |
| Freezing Point | °C | ASTM D3321* | | -43 | -38 | -47 |
| Carboxylate | | | | --- | --- | --- |

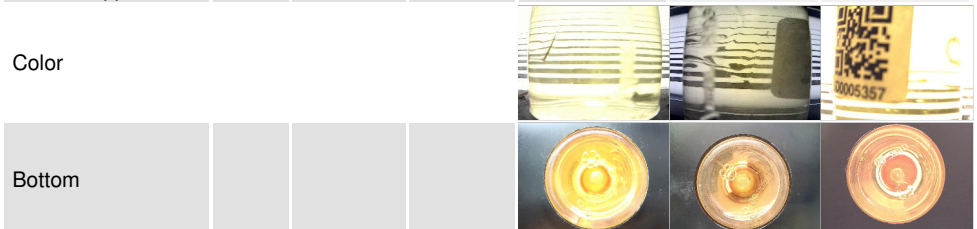
| CORROSION INHIBITORS | | method | limit/base | current | history1 | history2 |
|----------------------|-----|---------------|------------|-----------|----------|----------|
| Silicon | ppm | ASTM D5185(m) | | 88 | 90 | 18 |
| Phosphorus | ppm | ASTM D5185(m) | | 40 | 67 | 98 |
| Boron | ppm | ASTM D5185(m) | | 6 | 12 | 49 |
| Molybdenum | ppm | ASTM D5185(m) | | 29 | 123 | 270 |

| CORROSION | | method | limit/base | current | history1 | history2 |
|-----------|-----|---------------|------------|--------------|----------|----------|
| Iron | ppm | ASTM D5185(m) | >15 | 0 | 2 | <1 |
| Aluminum | ppm | ASTM D5185(m) | >10 | <1 | 2 | 4 |
| Copper | ppm | ASTM D5185(m) | >10 | 0 | 2 | <1 |
| Lead | ppm | ASTM D5185(m) | >10 | 0 | 2 | 2 |
| Tin | ppm | ASTM D5185(m) | >10 | 0 | <1 | 0 |
| Silver | ppm | ASTM D5185(m) | >10 | <1 | <1 | <1 |
| Zinc | ppm | ASTM D5185(m) | | 0 | 2 | <1 |

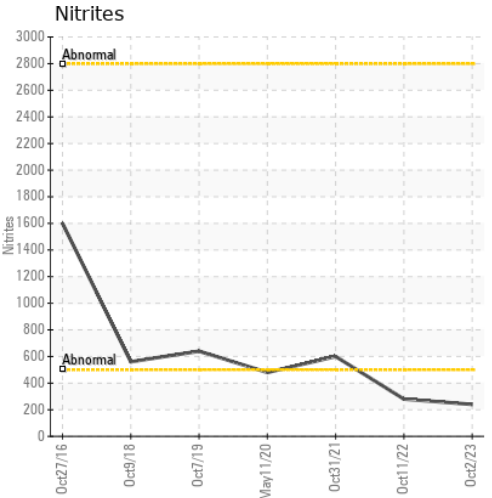
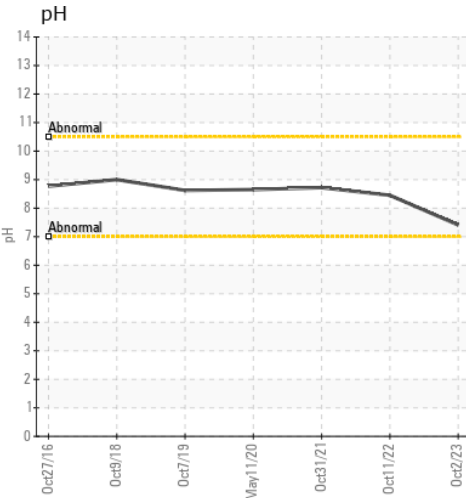
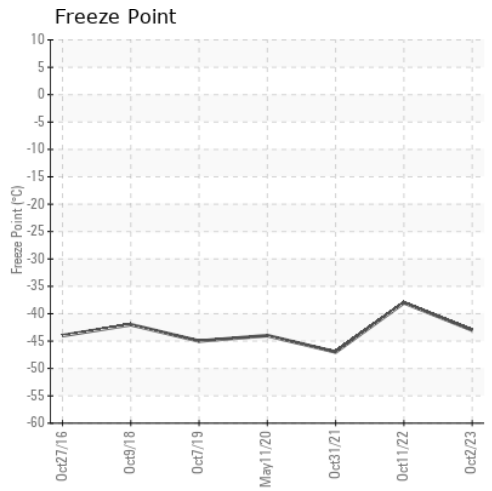
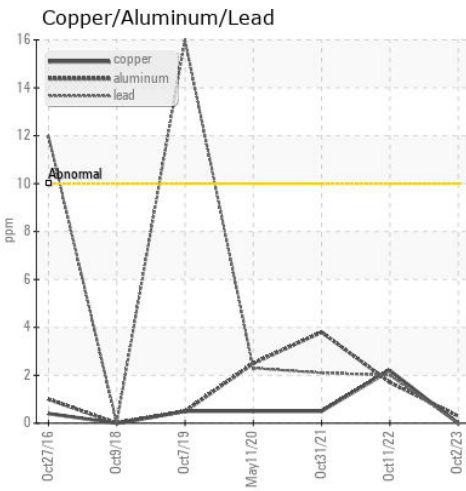
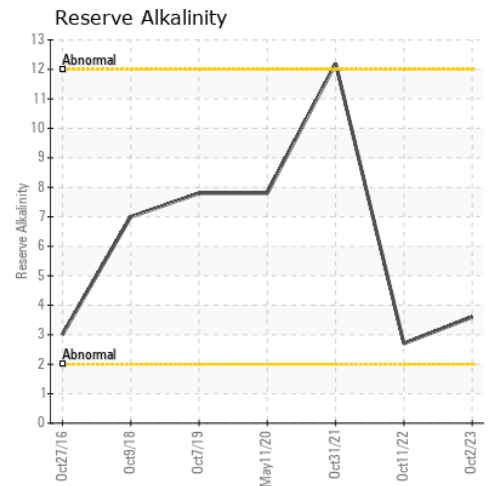
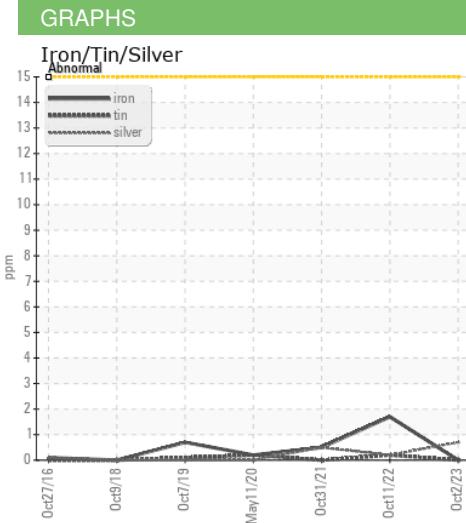
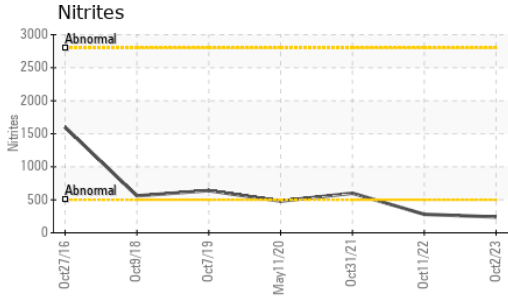
| CARRIER SALTS | | method | limit/base | current | history1 | history2 |
|---------------|-----|---------------|------------|-------------|----------|----------|
| Sodium | ppm | ASTM D5185(m) | | 1699 | 1762 | 2673 |
| Potassium | ppm | ASTM D5185(m) | | 3472 | 1749 | 613 |

| SCALE POTENTIAL | | method | limit/base | current | history1 | history2 |
|-----------------|------------|---------------|------------|-----------|----------|----------|
| Calcium | ppm | ASTM D5185(m) | >100 | 7 | 8 | 1 |
| Magnesium | ppm | ASTM D5185(m) | >40 | 2 | 2 | 1 |
| Hardness | mg/L CaCO3 | In-house* | <75 | 25 | 28 | --- |

| VISUAL | | method | limit/base | current | history1 | history2 |
|--------------------|---------|--------|------------|---------------|----------|----------|
| Coolant Color | Visual* | | | Yellow | Yellow | Yellow |
| Coolant Appearance | Visual* | Clear | | Clear | Clear | Clear |



COOLANT REPORT



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : WA0019879
Lab Number : 02588420
Unique Number : 5657486
Test Package : COOL

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To discuss this sample report, contact Customer Service at 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.