



COOLANT REPORT

| | |
|-------------------|---------------|
| CORROSION | NORMAL |
| CONTAMINANTS | NORMAL |
| COOLANT CONDITION | NORMAL |

Area
EQUINIX
 Machine Id
GEN E-YELLOW (S/N 33144756)
 Component
Coolant
 Fluid
EXTENDED LIFE COOLANT (--- 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 |
|---------------|-----|-------------|-----------|--------------------|-------------|-------------|
| Sample Number | | Client Info | | CU0022835 | CU0020622 | CU0017955 |
| Sample Date | | Client Info | | 03 Apr 2024 | 31 Mar 2023 | 21 Sep 2021 |
| Machine Age | hrs | Client Info | | 504 | 483 | 0 |
| Oil Age | hrs | Client Info | | 0 | 0 | 0 |
| Oil Changed | | Client Info | | Not Changed | Changed | Not Changed |
| Sample Status | | | | NORMAL | NORMAL | NORMAL |

CORROSION

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

| | | | | | | |
|----------|-----|---------------|-----|--------------|---|----|
| Iron | ppm | ASTM D5185(m) | >15 | 3 | 2 | 4 |
| Aluminum | ppm | ASTM D5185(m) | >10 | 5 | 6 | 4 |
| Copper | ppm | ASTM D5185(m) | >10 | <1 | 2 | <1 |
| Lead | ppm | ASTM D5185(m) | >10 | <1 | 1 | 1 |
| Tin | ppm | ASTM D5185(m) | >10 | 0 | 0 | 0 |
| Silver | ppm | ASTM D5185(m) | >10 | <1 | 0 | <1 |
| Zinc | ppm | ASTM D5185(m) | >10 | 5 | 1 | 4 |

CONTAMINANTS

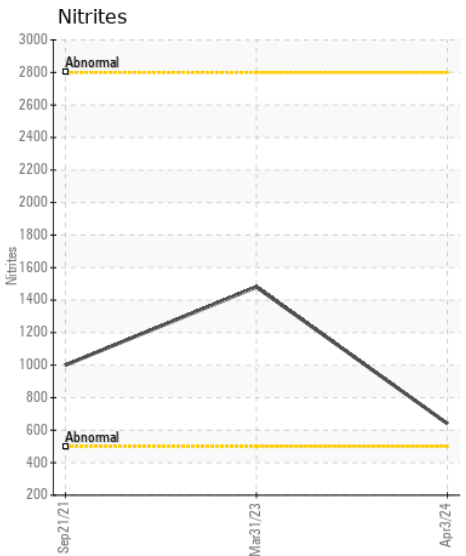
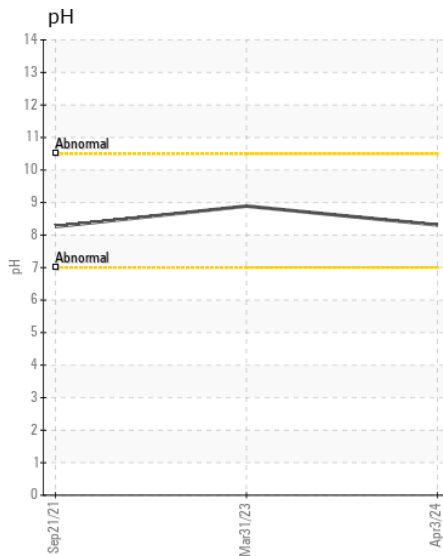
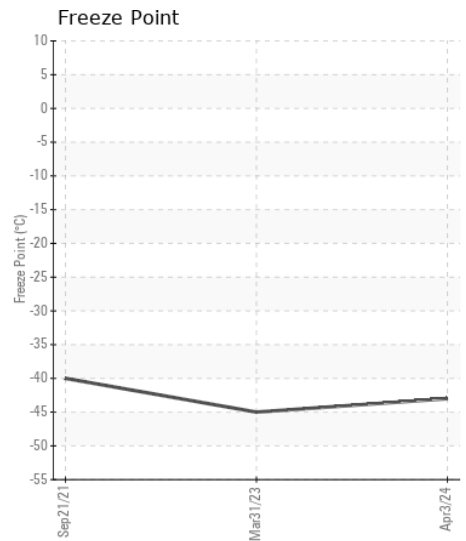
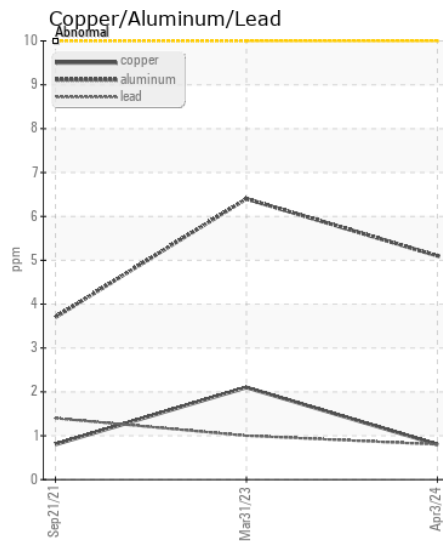
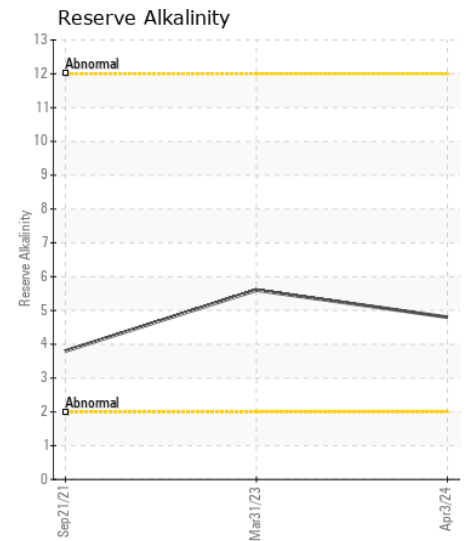
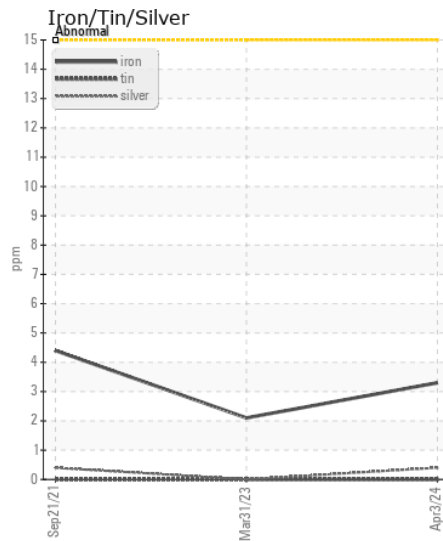
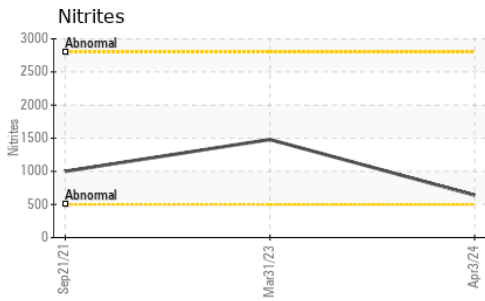
There is no indication of any contamination in the coolant.

| | | | | | | |
|--------------------|--------|---------------|-------|--------------|-------|-------|
| Calcium | ppm | ASTM D5185(m) | >100 | 11 | 4 | 4 |
| Magnesium | ppm | ASTM D5185(m) | >40 | 1 | <1 | 2 |
| Appearance | scalar | Visual* | NORML | NORML | NORML | NORML |
| Odor | scalar | Visual* | NORML | NORML | NORML | NORML |
| Coolant Appearance | | Visual* | Clear | --- | Clear | Clear |

COOLANT CONDITION

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

| | | | | | | |
|--------------------|------------|-----------------|----------|--------------|-------|--------|
| Boiling Point | °C | WC Method* | | 108 | --- | --- |
| Specific Gravity | | ASTM D1298* | | 1.073 | 1.072 | 1.070 |
| pH | Scale 0-14 | ASTM D1287* | 9.0 | 8.31 | 8.89 | 8.26 |
| Nitrites | ppm | Alcan Test Kit* | | 640 | 1480 | 1000 |
| Reserve Alkalinity | Scale 0-20 | ASTM D1121* | | 4.8 | 5.6 | 3.8 |
| Percentage Glycol | % | ASTM D3321* | 50 | 54.2 | 54.0 | 52.0 |
| Freezing Point | °C | ASTM D3321* | -40 | -43 | -45 | -40 |
| Carboxylate | | | | --- | --- | --- |
| Silicon | ppm | ASTM D5185(m) | | 32 | 34 | 33 |
| Phosphorus | ppm | ASTM D5185(m) | | 326 | 299 | 157 |
| Boron | ppm | ASTM D5185(m) | | 62 | 71 | 58 |
| Molybdenum | ppm | ASTM D5185(m) | | 554 | 664 | 678 |
| Sodium | ppm | ASTM D5185(m) | | 4827 | 3311 | 2316 |
| Potassium | ppm | ASTM D5185(m) | | 1188 | 1031 | 695 |
| Coolant Color | | Visual* | Orange/R | Blue | Red | Orange |



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : CU0022835 **Received** : 29 Apr 2024
Lab Number : 02632100 **Tested** : 30 Apr 2024
Unique Number : 5773253 **Diagnosed** : 01 May 2024 - Kevin Marson
Test Package : COOL (Additional Tests: GlycolType)

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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.