



# COOLANT REPORT

|                   |               |
|-------------------|---------------|
| CORROSION         | <b>NORMAL</b> |
| CONTAMINANTS      | <b>NORMAL</b> |
| COOLANT CONDITION | <b>NORMAL</b> |

Area  
**BEANFIELD TECHNOLOGIES [154967]**

Machine Id  
**WJ3889N1167322**

Component  
**Coolant**  
Fluid  
**FLEETGUARD ES COMPLEAT (--- 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 |           | <b>CU0023324</b>   | ---      | ---      |
| Sample Date   |     | Client Info |           | <b>09 May 2024</b> | ---      | ---      |
| Machine Age   | hrs | Client Info |           | <b>235</b>         | ---      | ---      |
| Oil Age       | hrs | Client Info |           | <b>1</b>           | ---      | ---      |
| Oil Changed   |     | Client Info |           | <b>Changed</b>     | ---      | ---      |
| Sample Status |     |             |           | <b>NORMAL</b>      | ---      | ---      |

## CORROSION

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

|          |     |               |     |              |     |     |
|----------|-----|---------------|-----|--------------|-----|-----|
| Iron     | ppm | ASTM D5185(m) | >15 | <b>&lt;1</b> | --- | --- |
| Aluminum | ppm | ASTM D5185(m) | >10 | <b>1</b>     | --- | --- |
| Copper   | ppm | ASTM D5185(m) | >10 | <b>&lt;1</b> | --- | --- |
| Lead     | ppm | ASTM D5185(m) | >10 | <b>0</b>     | --- | --- |
| Tin      | ppm | ASTM D5185(m) | >10 | <b>0</b>     | --- | --- |
| Silver   | ppm | ASTM D5185(m) | >10 | <b>0</b>     | --- | --- |
| Zinc     | ppm | ASTM D5185(m) | >10 | <b>1</b>     | --- | --- |

## CONTAMINANTS

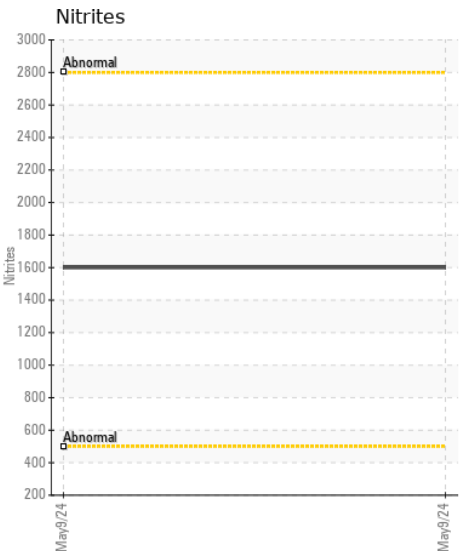
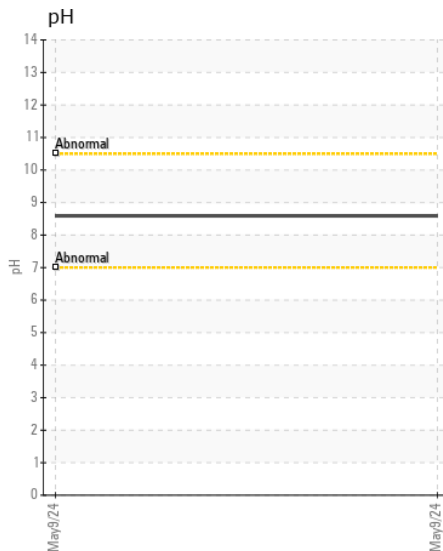
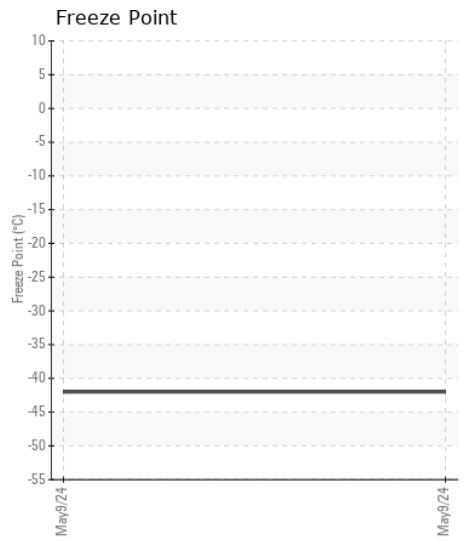
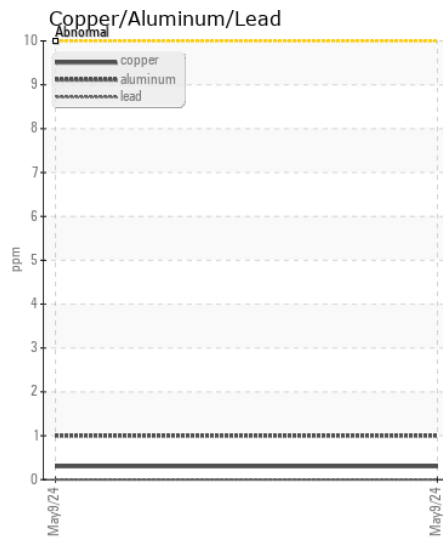
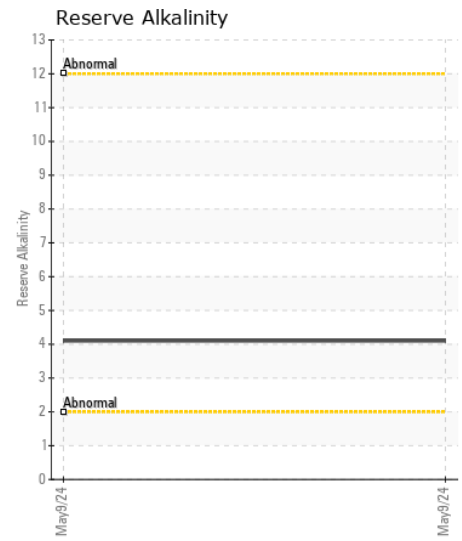
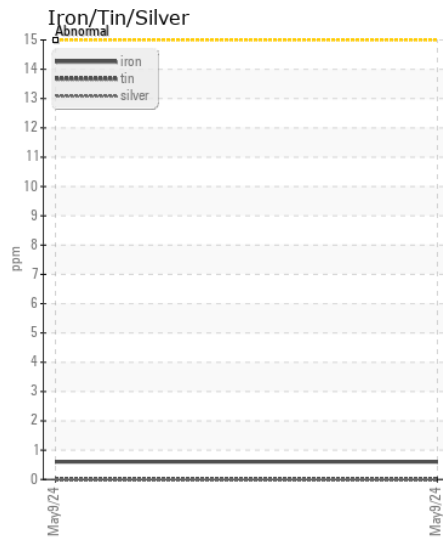
There is no indication of any contamination in the coolant.

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

## 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*      |      | <b>108</b>   | --- | --- |
| Specific Gravity   |            | ASTM D1298*     | 1.07 | <b>1.072</b> | --- | --- |
| pH                 | Scale 0-14 | ASTM D1287*     | 10.5 | <b>8.59</b>  | --- | --- |
| Nitrites           | ppm        | Alcan Test Kit* |      | <b>1600</b>  | --- | --- |
| Reserve Alkalinity | Scale 0-20 | ASTM D1121*     | 5.0  | <b>4.1</b>   | --- | --- |
| Percentage Glycol  | %          | ASTM D3321*     |      | <b>53.7</b>  | --- | --- |
| Freezing Point     | °C         | ASTM D3321*     | -37  | <b>-42</b>   | --- | --- |
| Carboxylate        |            |                 |      | <b>---</b>   | --- | --- |
| Silicon            | ppm        | ASTM D5185(m)   |      | <b>24</b>    | --- | --- |
| Phosphorus         | ppm        | ASTM D5185(m)   |      | <b>66</b>    | --- | --- |
| Boron              | ppm        | ASTM D5185(m)   |      | <b>363</b>   | --- | --- |
| Molybdenum         | ppm        | ASTM D5185(m)   |      | <b>203</b>   | --- | --- |
| Sodium             | ppm        | ASTM D5185(m)   |      | <b>3112</b>  | --- | --- |
| Potassium          | ppm        | ASTM D5185(m)   |      | <b>262</b>   | --- | --- |
| Coolant Color      |            | Visual*         | Blue | <b>Pink</b>  | --- | --- |



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : CU0023324  
**Lab Number** : 02640898  
**Unique Number** : 5798437  
**Test Package** : COOL ( Additional Tests: GlycolType )

**CUMMINS CANADA ULC - GENERATOR DIVISION**  
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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.