



# COOLANT REPORT

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



Machine Id  
**CATERPILLAR GM02**  
Component  
**Jacket Water Coolant**  
Fluid  
**{not provided} (--- GAL)**

## RECOMMENDATION

The fluid is suitable for further service.

| Test          | UOM | Method      | Limit/Abn | Current            | History1    | History2 |
|---------------|-----|-------------|-----------|--------------------|-------------|----------|
| Sample Number |     | Client Info |           | <b>WC0870570</b>   | WC0836386   | ---      |
| Sample Date   |     | Client Info |           | <b>10 Jan 2024</b> | 06 Oct 2023 | ---      |
| Machine Age   | hrs | Client Info |           | <b>67419</b>       | 0           | ---      |
| Oil Age       | hrs | Client Info |           | <b>0</b>           | 0           | ---      |
| Oil Changed   |     | Client Info |           | <b>N/A</b>         | N/A         | ---      |
| Sample Status |     |             |           | <b>NORMAL</b>      | ABNORMAL    | ---      |

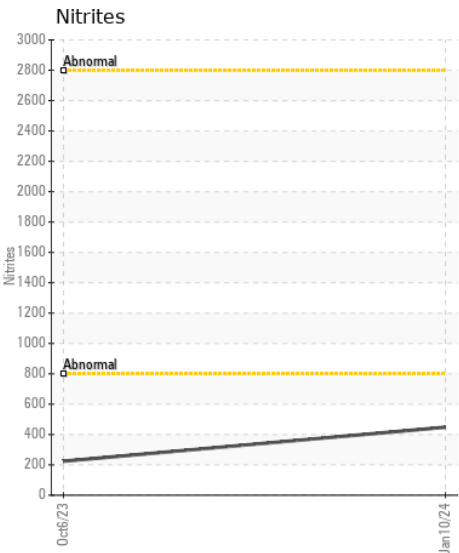
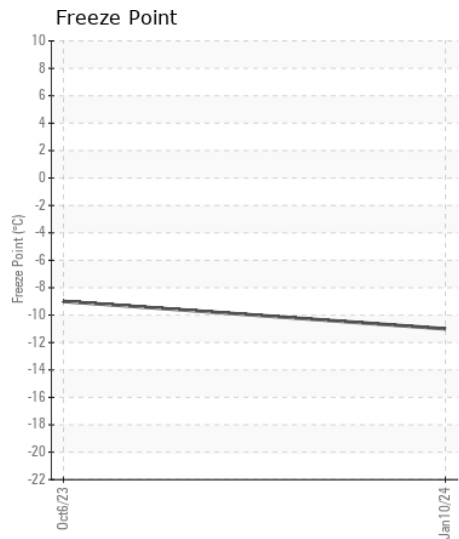
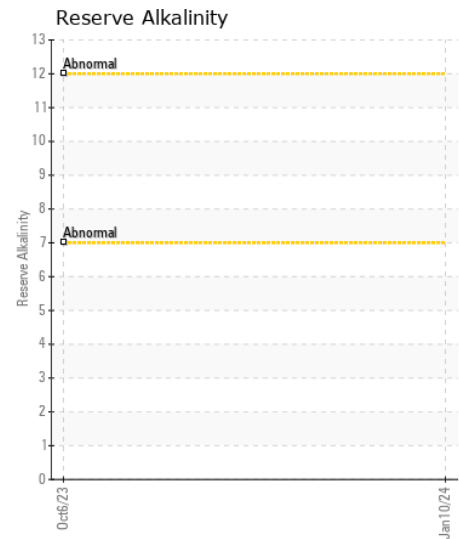
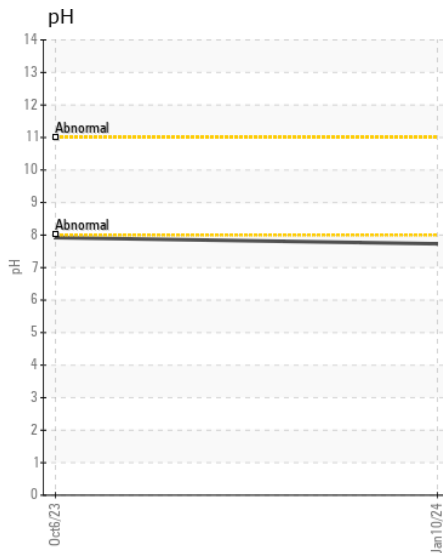
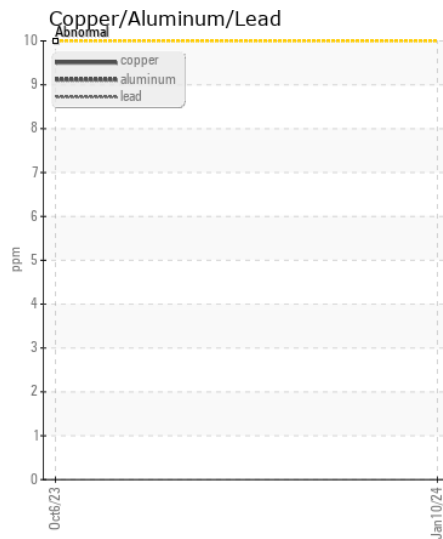
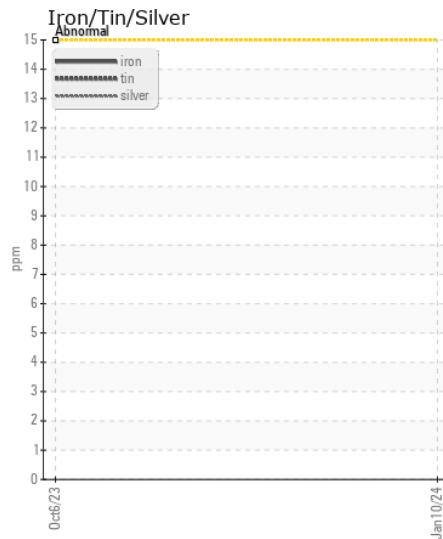
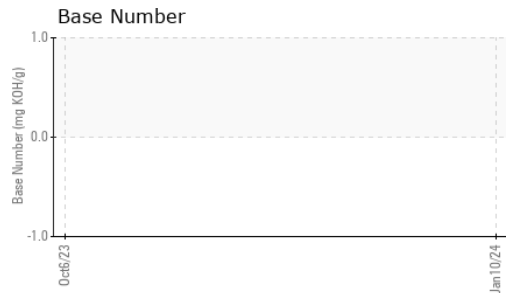
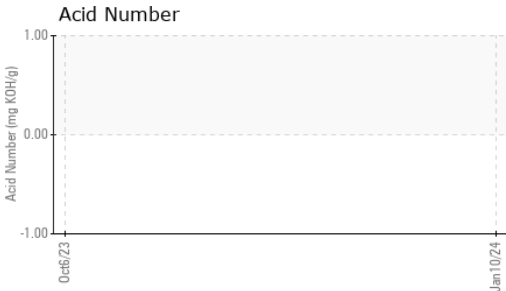
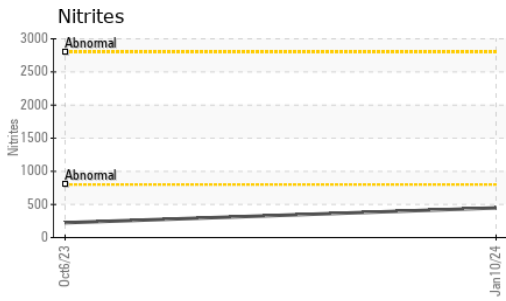
## CORROSION

|                        |  |         |       |               |        |     |
|------------------------|--|---------|-------|---------------|--------|-----|
| Total Dissolved Solids |  |         |       | <b>228.5</b>  | 216.5  | --- |
| Coolant Appearance     |  | *Visual | Clear | <b>normal</b> | ▲ hazy | --- |

## CONTAMINANTS

There is no indication of any contamination in the coolant.

|                    |            |             |  |              |        |     |
|--------------------|------------|-------------|--|--------------|--------|-----|
| Specific Gravity   |            | *ASTM D1298 |  | <b>1.053</b> | 1.052  | --- |
| pH                 | Scale 0-14 | ASTM D1287  |  | <b>7.73</b>  | 7.92   | --- |
| Nitrites           | ppm        | AP-053:2009 |  | <b>448</b>   | ▲ 224  | --- |
| Reserve Alkalinity | Scale 0-20 | *ASTM D1121 |  | <b>---</b>   | ---    | --- |
| Percentage Glycol  | %          | ASTM D3321  |  | <b>39.3</b>  | 38.4   | --- |
| Freezing Point     | °F         | ASTM D3321  |  | <b>-11</b>   | -9     | --- |
| Carboxylate        |            |             |  | <b>n/a</b>   | n/a    | --- |
| Coolant Color      |            | *Visual     |  | <b>Pink</b>  | Orange | --- |



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0870570 **Recieved** : 12 Jan 2024  
**Lab Number** : 06060535 **Diagnosed** : 17 Jan 2024  
**Unique Number** : 10831917 **Diagnostician** : Jonathan Hester  
**Test Package** : COOL- ( Additional Tests: COOL, TAN Man, TBN )

**OAK GROVE KS**  
 1150 E 700TH AVE  
 ARCADIA, KS  
 US 66711

Contact: KALEB WEAVER  
 kaleb.weaver@cubedistrictenergy.com

To discuss this sample report, contact Customer Service at 1-800-237-1369.

\* - Denotes test methods that are outside of the ISO 17025 scope of accreditation.

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

T:  
 F: