



# COOLANT REPORT

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



Machine Id  
**CATERPILLAR GM02**  
Component  
**Auxiliary Circuit 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>WC0870575</b>   | WC0836382   | ---      |
| 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>      | NORMAL      | ---      |

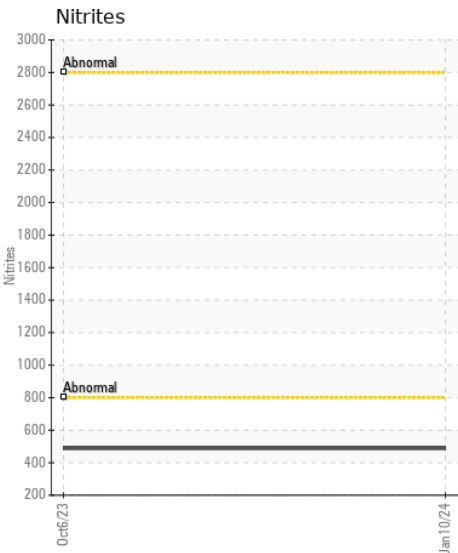
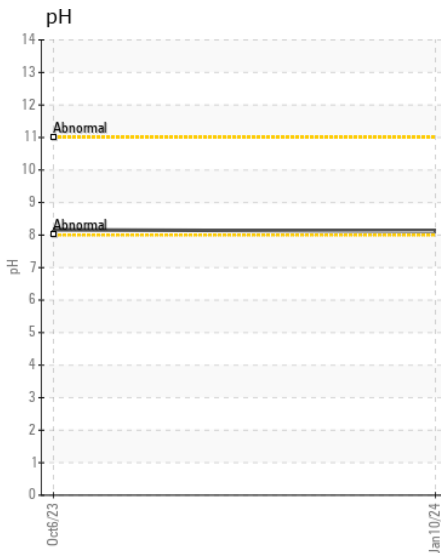
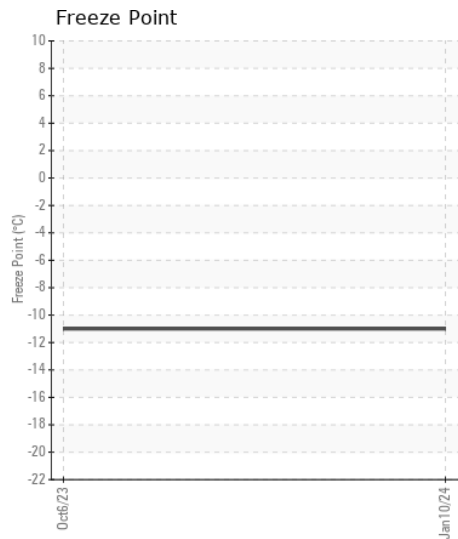
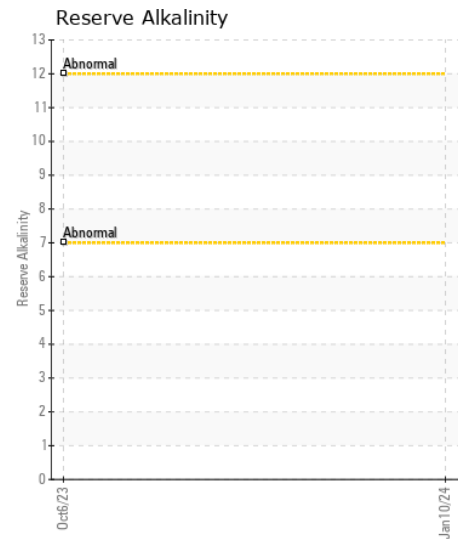
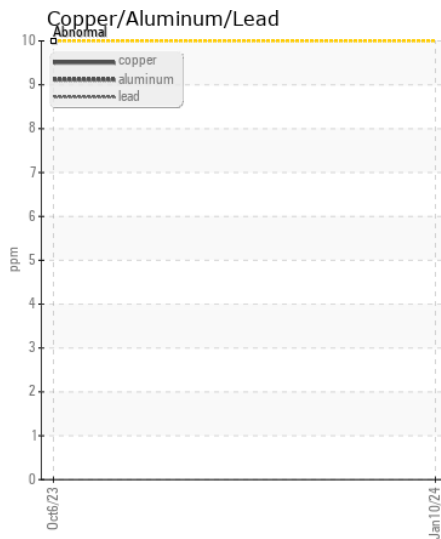
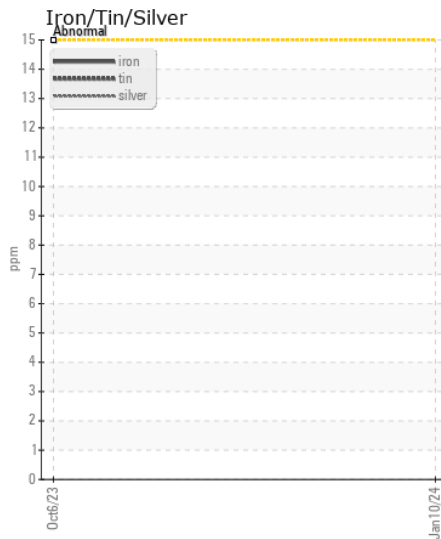
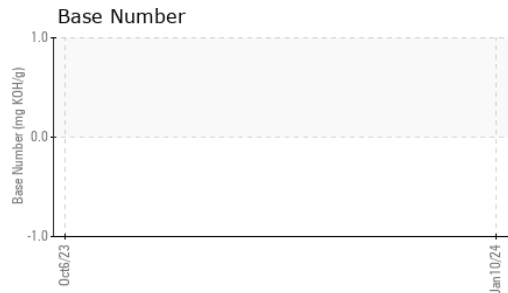
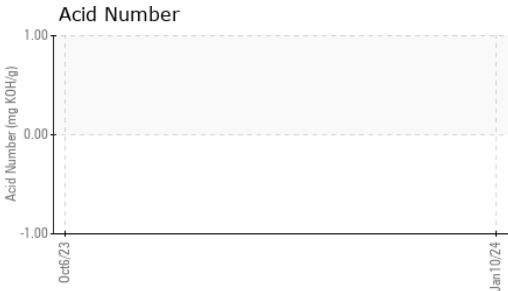
## CORROSION

|                        |  |         |       |               |        |     |
|------------------------|--|---------|-------|---------------|--------|-----|
| Total Dissolved Solids |  |         |       | <b>214.5</b>  | 217.0  | --- |
| Coolant Appearance     |  | *Visual | Clear | <b>normal</b> | normal | --- |

## CONTAMINANTS

There is no indication of any contamination in the coolant.

|                    |            |             |  |              |       |     |
|--------------------|------------|-------------|--|--------------|-------|-----|
| Specific Gravity   |            | *ASTM D1298 |  | <b>1.053</b> | 1.054 | --- |
| pH                 | Scale 0-14 | ASTM D1287  |  | <b>8.12</b>  | 8.16  | --- |
| Nitrites           | ppm        | AP-053:2009 |  | <b>488</b>   | 488   | --- |
| Reserve Alkalinity | Scale 0-20 | *ASTM D1121 |  | <b>---</b>   | ---   | --- |
| Percentage Glycol  | %          | ASTM D3321  |  | <b>39.2</b>  | 39.5  | --- |
| Freezing Point     | °F         | ASTM D3321  |  | <b>-11</b>   | -11   | --- |
| Carboxylate        |            |             |  | <b>n/a</b>   | n/a   | --- |
| Coolant Color      |            | *Visual     |  | <b>Pink</b>  | Pink  | --- |



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0870575 **Received** : 12 Jan 2024  
**Lab Number** : 06060534 **Diagnosed** : 17 Jan 2024  
**Unique Number** : 10831916 **Diagnostician** : Jonathan Hester  
**Test Package** : COOL- ( Additional Tests: COOL, TAN Man, TBN )

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)

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