



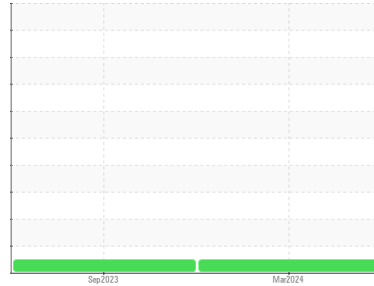
# COOLANT REPORT

Sample Rating Trend

**NORMAL**



Machine Id  
**CATERPILLAR 262C 5577 (S/N MST01988)**  
Component  
**Coolant**  
Fluid  
**{not provided} (--- GAL)**



## DIAGNOSIS

### Recommendation

The fluid is suitable for further service.

### Contaminants

There is no indication of any contamination in the coolant.

### Coolant Condition

Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.





## SAMPLE INFORMATION

|               | method      | limit/base  | current            | history1    | history2 |
|---------------|-------------|-------------|--------------------|-------------|----------|
| Sample Number | Client Info |             | <b>WC0900129</b>   | WC0840420   | ---      |
| Sample Date   | Client Info |             | <b>12 Mar 2024</b> | 07 Sep 2023 | ---      |
| Machine Age   | hrs         | Client Info | <b>13889</b>       | 12551       | ---      |
| 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      | ---      |

## PHYSICAL TEST RESULTS

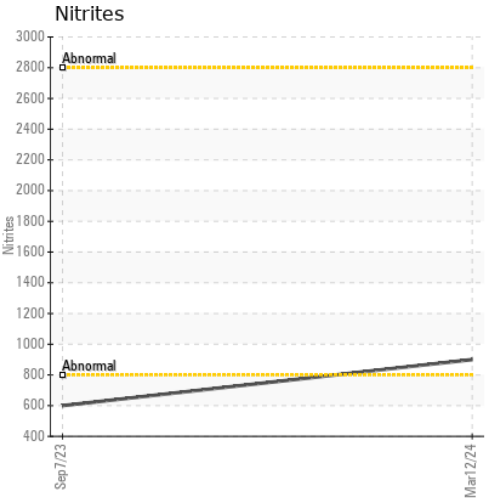
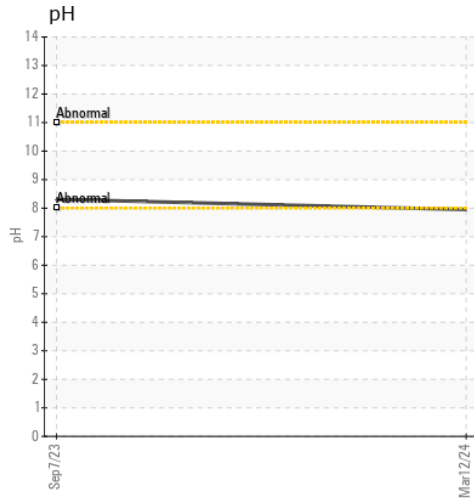
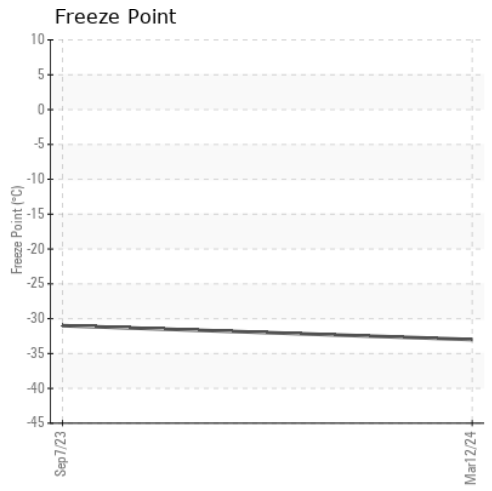
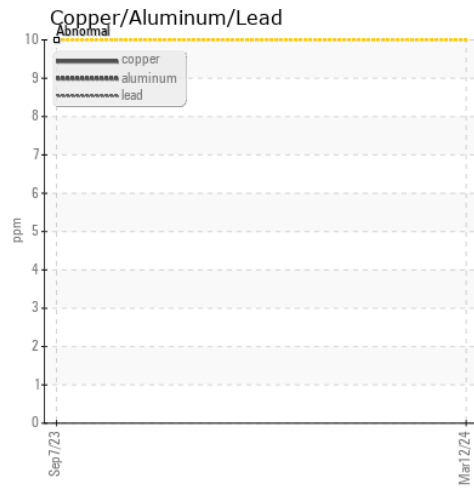
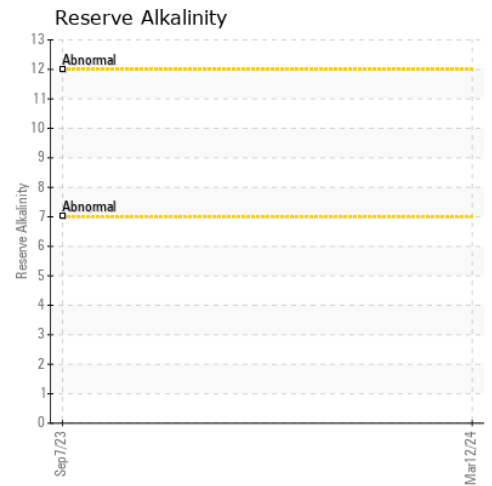
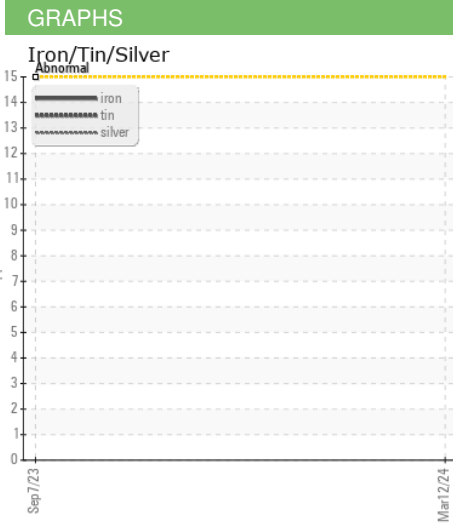
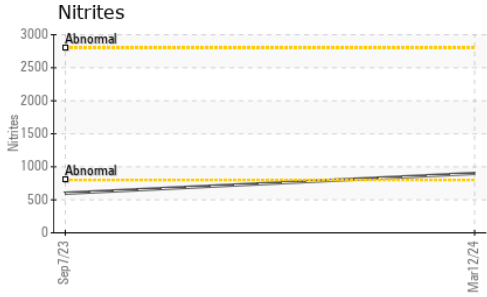
|                        | method      | limit/base  | current      | history1 | history2 |
|------------------------|-------------|-------------|--------------|----------|----------|
| Glycol Type            | FT-IR       |             | ---          | ---      | ---      |
| Specific Gravity       | *ASTM D1298 |             | <b>1.066</b> | 1.066    | ---      |
| pH                     | Scale 0-14  | ASTM D1287  | <b>7.95</b>  | 8.31     | ---      |
| Nitrites               | ppm         | AP-053:2009 | <b>900</b>   | 600      | ---      |
| Reserve Alkalinity     | Scale 0-20  | *ASTM D1121 | ---          | ---      | ---      |
| Percentage Glycol      | %           | ASTM D3321  | <b>49.1</b>  | 48.8     | ---      |
| Freezing Point         | °F          | ASTM D3321  | <b>-33</b>   | -31      | ---      |
| Total Dissolved Solids |             |             | <b>301.5</b> | 337.0    | ---      |
| Carboxylate            |             |             | <b>n/a</b>   | n/a      | ---      |

## VISUAL

|                    | method  | limit/base | current   | history1  | history2 |
|--------------------|---------|------------|---|---|----------|
| Coolant Color      | *Visual |            | <b>Red</b>  | Red   | ---      |
| Coolant Appearance | *Visual | Clear      | <b>normal</b>   | normal  | ---      |
| Color              |         |            |  |  | no image |
| Bottom             |         |            |  |  | no image |



# COOLANT REPORT



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : WC0900129      **Received** : 19 Mar 2024  
**Lab Number** : 06122879      **Tested** : 22 Mar 2024  
**Unique Number** : 10937030      **Diagnosed** : 22 Mar 2024 - Jonathan Hester  
**Test Package** : COOL- ( Additional Tests: BoilingPoint, COOL, GlycolType )

**INTERSTATE WASTE-NEWARK**  
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 NEWARK, NJ  
 US 07114  
 Contact: Robert Witynski  
 RWitynski@interstatewaste.com  
 T:  
 F:

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)