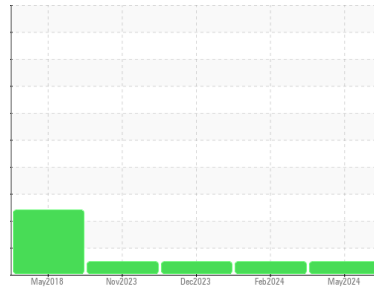




COOLANT REPORT

Area
MINING
 Machine Id
ME-60 CATERPILLAR 982M Mk800210
 Component
Coolant
 Fluid
CATERPILLAR ELC (--- GAL)

Sample Rating Trend



NORMAL



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 | | WC0950844 | WC0909678 | WC0880659 |
| Sample Date | Client Info | | 31 May 2024 | 28 Feb 2024 | 26 Dec 2023 |
| Machine Age | hrs | Client Info | 12840 | 11413 | 10932 |
| Oil Age | hrs | Client Info | 2000 | 500 | 10932 |
| Oil Changed | Client Info | | Changed | Not Changd | Not Changd |
| Sample Status | | | NORMAL | NORMAL | NORMAL |

PHYSICAL TEST RESULTS

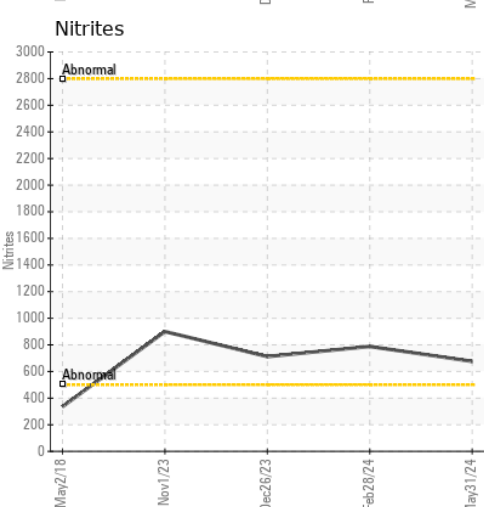
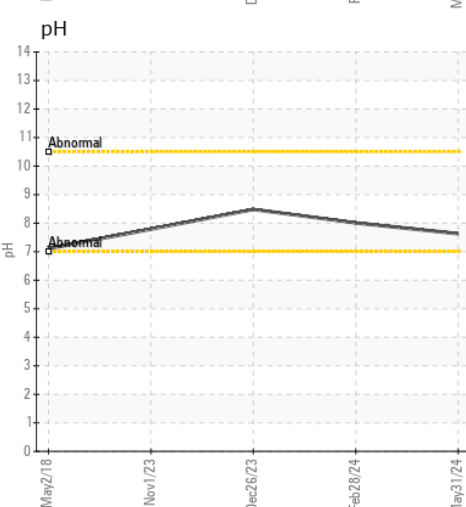
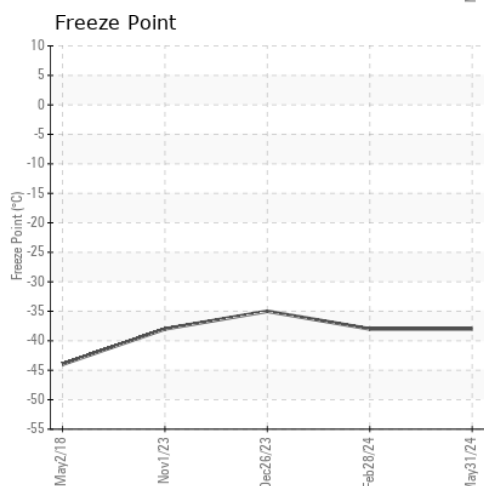
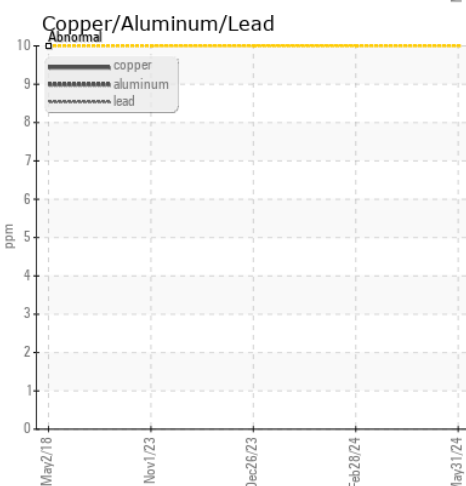
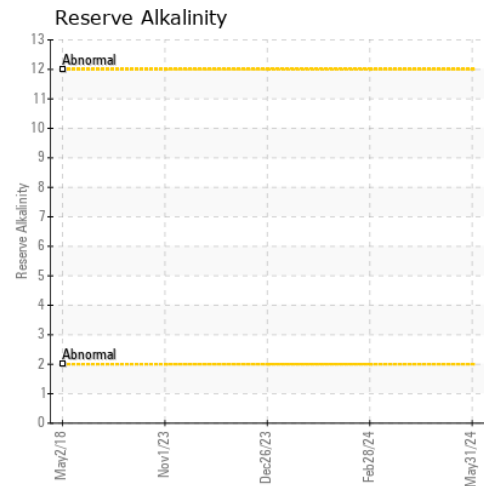
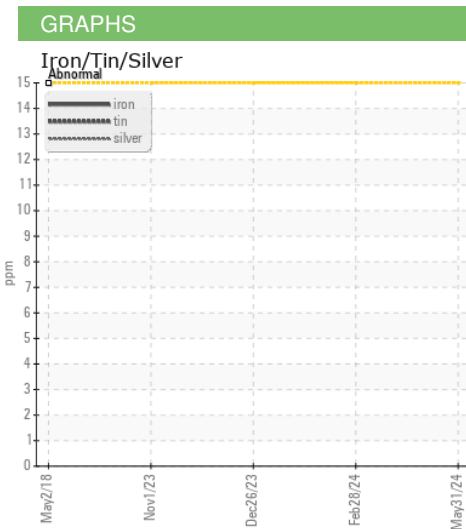
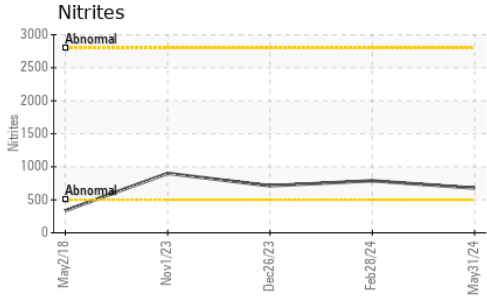
| | method | limit/base | current | history1 | history2 |
|------------------------|-------------|-------------|--------------|----------|----------|
| Glycol Type | FT-IR | | --- | --- | --- |
| Specific Gravity | *ASTM D1298 | | 1.069 | 1.069 | 1.067 |
| pH | Scale 0-14 | ASTM D1287 | 7.63 | 8.01 | 8.48 |
| Nitrites | ppm | AP-053:2009 | 676 | 788 | 712 |
| Reserve Alkalinity | Scale 0-20 | *ASTM D1121 | --- | --- | --- |
| Percentage Glycol | % | ASTM D3321 | 51.9 | 51.3 | 50.0 |
| Freezing Point | °F | ASTM D3321 | -38 | -38 | -35 |
| Total Dissolved Solids | | | 289.5 | 314.0 | 452.5 |
| Carboxylate | | | n/a | fail | n/a |

VISUAL

| | method | limit/base | current | history1 | history2 |
|--------------------|---------|------------|---------------|----------|----------|
| Coolant Color | *Visual | | Red | Red | Red |
| Coolant Appearance | *Visual | Clear | normal | normal | normal |
| Color | | | | | |
| Bottom | | | | | |



COOLANT REPORT



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0950844 **Received** : 06 Jun 2024
Lab Number : 06201955 **Tested** : 11 Jun 2024
Unique Number : 11069416 **Diagnosed** : 11 Jun 2024 - Jonathan Hester
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType)

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)

COVIA - CAMDEN - 094
 1700 SAND MILL RD
 CAMDEN, TN
 US 38320
 Contact: TRACY KEE
 tracy.kee@coviacorp.com

T:
F: