



COOLANT REPORT

Sample Rating Trend



NORMAL



Machine Id

Morningside Raleigh

Component

Bottom Radiator Coolant

Fluid

HYBRID (HOAT) COOLANT (--- GAL)

DIAGNOSIS

Recommendation

The fluid is suitable for further service.

Contamination

There is no indication of any contamination in the coolant.

Fluid 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 | | WC0858840 | --- | --- |
| Sample Date | Client Info | | 16 Apr 2024 | --- | --- |
| Machine Age | hrs | Client Info | 84 | --- | --- |
| Oil Age | hrs | Client Info | 84 | --- | --- |
| Oil Changed | | Client Info | Not Chngd | --- | --- |
| Sample Status | | | NORMAL | --- | --- |



CONTAMINATION

| | method | limit/base | current | history1 | history2 |
|-------|-----------|------------|------------|----------|----------|
| Water | WC Method | | NEG | --- | --- |

PHYSICAL TEST RESULTS

| | method | limit/base | current | history1 | history2 |
|------------------------|---------------------------|------------|--------------|----------|----------|
| Glycol Type | FT-IR | | --- | --- | --- |
| Specific Gravity | *ASTM D1298 | | 1.067 | --- | --- |
| pH | Scale 0-14 ASTM D1287 | | 7.55 | --- | --- |
| Nitrites | ppm AP-053:2009 | | 1200 | --- | --- |
| Reserve Alkalinity | Scale 0-20 *ASTM D1121 | | --- | --- | --- |
| Percentage Glycol | % ASTM D3321 | | 49.4 | --- | --- |
| Freezing Point | °F ASTM D3321 | | -33 | --- | --- |
| Total Dissolved Solids | | | 552.0 | --- | --- |
| Carboxylate | | | n/a | --- | --- |

VISUAL

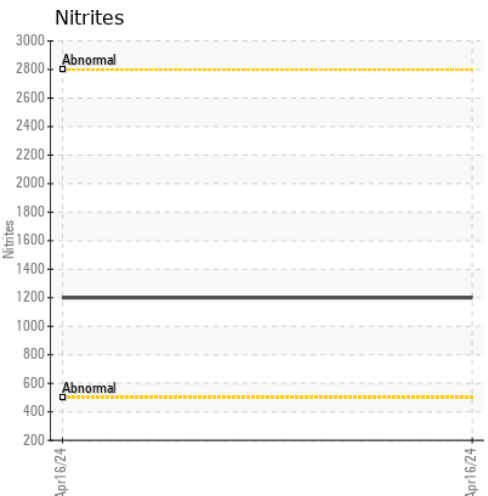
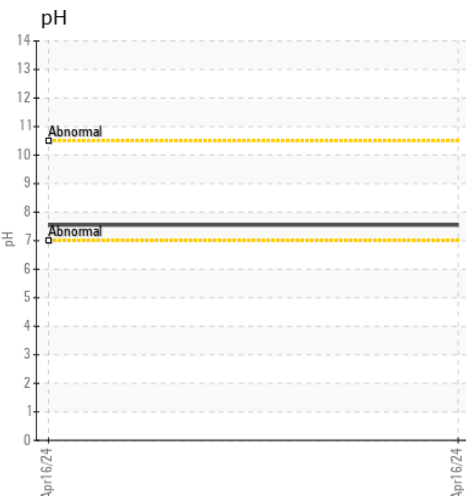
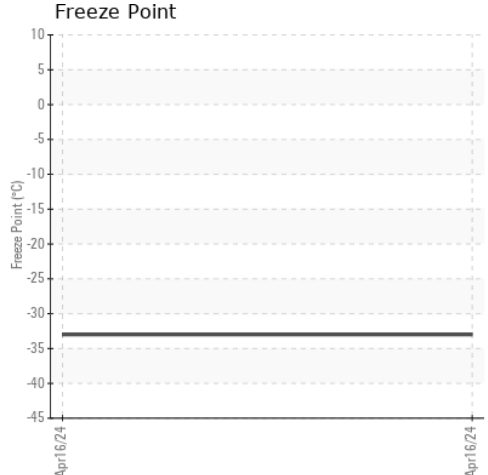
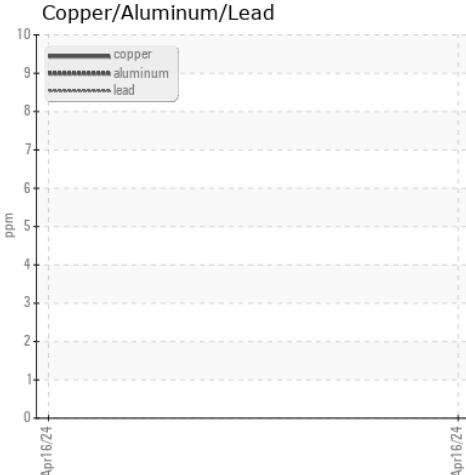
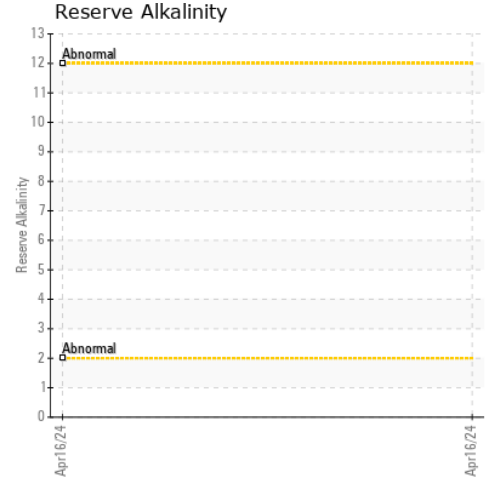
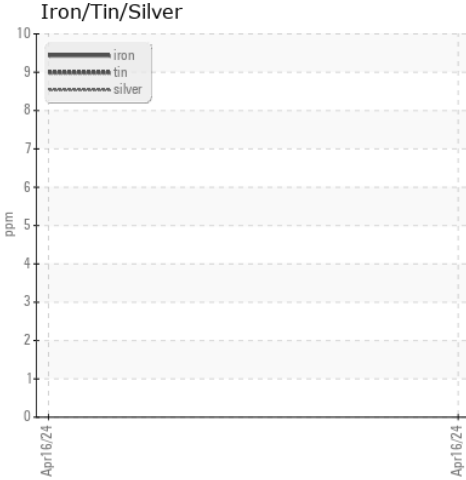
| | method | limit/base | current | history1 | history2 |
|--------------------|---------|------------|---|----------|----------|
| Coolant Color | *Visual | | Yllow | --- | --- |
| Coolant Appearance | *Visual | Clear | normal | --- | --- |
| Color | | |  | no image | no image |
| Bottom | | |  | no image | no image |



COOLANT REPORT



GRAPHS



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : WC0858840
Lab Number : 06159984
Unique Number : 10995407
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType)

Received : 24 Apr 2024
Tested : 25 Apr 2024
Diagnosed : 30 Apr 2024 - Jonathan Hester

ALTERNATIVE POWER
 1000 NORTHGATE CT
 MORRISVILLE, NC
 US 27560

Contact: ROBERT MCARTHUR
 rmcarthur@bittingelectric.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)

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F: