



NORMAL



Machine Id
VOLVO EC140E 315905
 Component
Radiator Coolant
 Fluid
VOLVO VCS-2 Coolant (Orange) (--- GAL)

DIAGNOSIS

Recommendation

No corrective action is recommended at this time. The fluid is suitable for further service.

Contamination

There is no indication of any contamination in the coolant.

Fluid Condition

Carboxylate test failed. The glycol level is acceptable. The pH level of this fluid is within the acceptable limits.

SAMPLE INFORMATION method limit/base current history1 history2

| | | | | | |
|---------------|-------------|-------------|--------------------|-----|-----|
| Sample Number | Client Info | | ASC0000922 | --- | --- |
| Sample Date | Client Info | | 01 Apr 2024 | --- | --- |
| Machine Age | hrs | Client Info | 554 | --- | --- |
| Oil Age | hrs | Client Info | 554 | --- | --- |
| Oil Changed | | Client Info | Not Chngd | --- | --- |
| Sample Status | | | NORMAL | --- | --- |

CONTAMINATION method limit/base current history1 history2

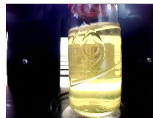
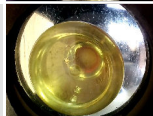
| | | | | | |
|-------|-----------|--|------------|-----|-----|
| Water | WC Method | | NEG | --- | --- |
|-------|-----------|--|------------|-----|-----|

PHYSICAL TEST RESULTS method limit/base current history1 history2

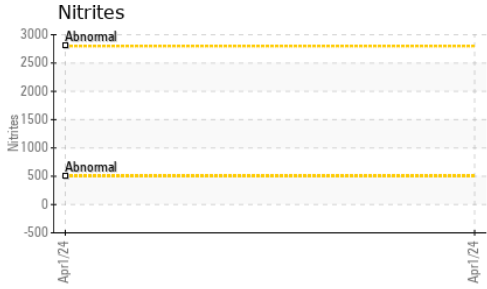
| | | | | | | |
|------------------------|------------|-------------|--|--------------|-----|-----|
| Glycol Type | | FT-IR | | --- | --- | --- |
| Specific Gravity | | *ASTM D1298 | | 1.067 | --- | --- |
| pH | Scale 0-14 | ASTM D1287 | | 8.23 | --- | --- |
| Nitrites | ppm | AP-053:2009 | | NT | --- | --- |
| Reserve Alkalinity | Scale 0-20 | *ASTM D1121 | | --- | --- | --- |
| Percentage Glycol | % | ASTM D3321 | | 49.2 | --- | --- |
| Freezing Point | °F | ASTM D3321 | | -33 | --- | --- |
| Total Dissolved Solids | | | | 269.5 | --- | --- |
| Carboxylate | | | | fail | --- | --- |

VISUAL method limit/base current history1 history2

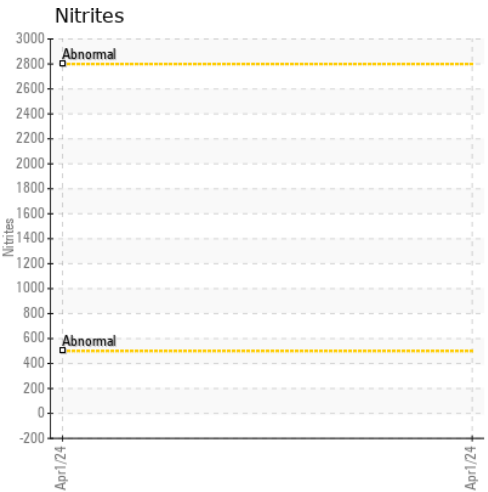
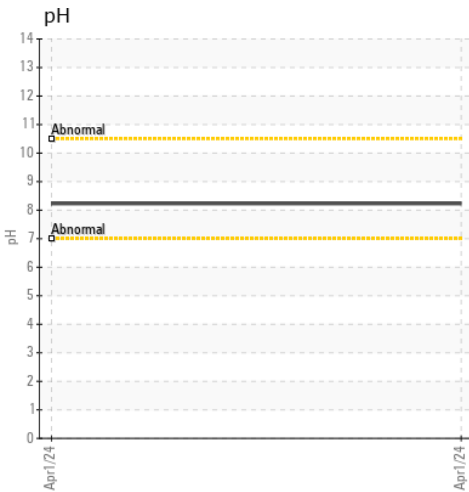
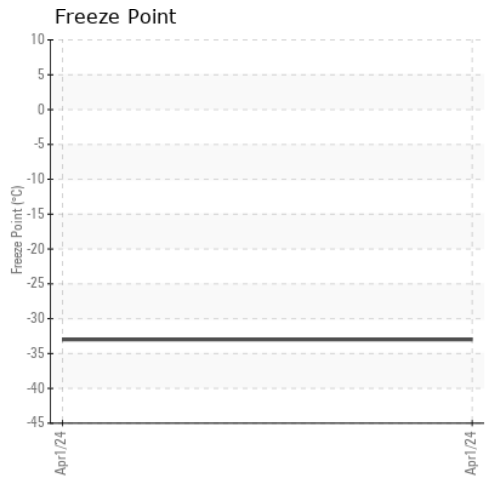
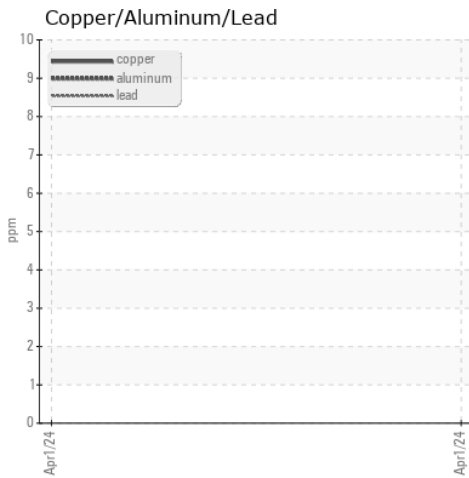
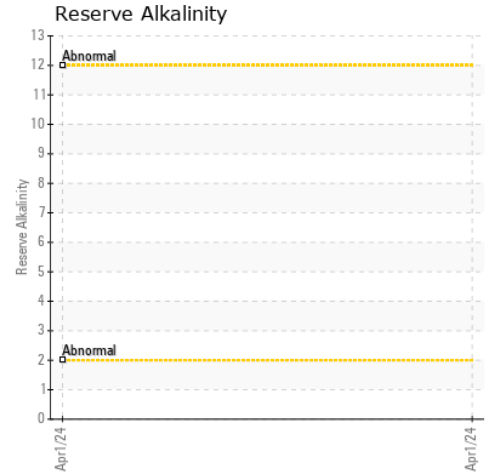
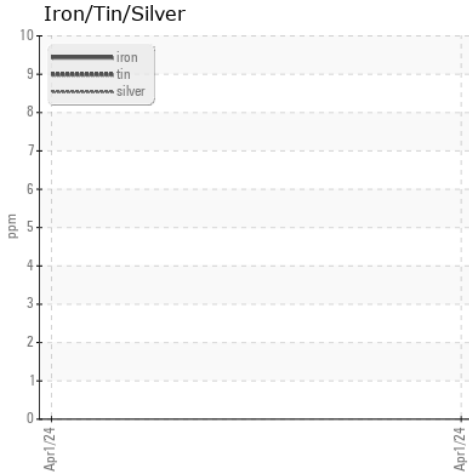
| | | | | | | |
|--------------------|--|---------|-------|---------------|-----|-----|
| Coolant Color | | *Visual | | Yllow | --- | --- |
| Coolant Appearance | | *Visual | Clear | normal | --- | --- |

| | | | | | | |
|--------|--|--|--|---|----------|----------|
| 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. : ASC0000922 **Received** : 05 Apr 2024
Lab Number : 06140461 **Tested** : 10 Apr 2024
Unique Number : 10965269 **Diagnosed** : 10 Apr 2024 - Jonathan Hester
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType)

CAROLINA EXCAVATING
 1036 BRANCHVIEW DR, SUITE 106
 CONCORD, NC
 US 28025
 Contact: KEVIN LADGERWOOD
 kevin@carlinaexcavation.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: