# COOL KIT ASCENDUM

## COOLANT REPORT

| | | |
|---|---|---|
| WEAR | **NORMAL** | |
| CONTAMINATION | **NORMAL** | |
| FLUID CONDITION | **NORMAL** | |

Area
**Ascendum Machinery**
Machine Id
**625463 VOLVO L90H 625463**
Component
**Radiator Coolant**
Fluid
**VOLVO COOLANT VCS (YELLOW) (--- GAL)**

## RECOMMENDATION

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

## WEAR

## CONTAMINATION

~~The is no indication of 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.

| Test | UOM | Method | Limit/Abn | Current | History1 | History2 |
|---|---|---|---|---|---|---|
| Sample Number | | Client Info | | **ASC0001785** | ASC0005084 | VCP0005504 |
| Sample Date | | Client Info | | **04 Jan 2024** | 21 Nov 2023 | 19 Dec 2022 |
| Machine Age | hrs | Client Info | | **8430** | 8137 | 5933 |
| Oil Age | hrs | Client Info | | **6226** | 2204 | 5933 |
| Filter Age | hrs | Client Info | | **0** | 0 | 0 |
| Oil Changed | | Client Info | | **Not Changd** | Not Changd | Changed |
| Filter Changed | | Client Info | | **N/A** | N/A | N/A |
| Sample Status | | | | **NORMAL** | NORMAL | NORMAL |
| Total Dissolved Solids | | | | **282.5** | 377.0 | 296.0 |
| Coolant Appearance | | *Visual | Clear | **normal** | normal | normal |
| Water | | WC Method | | **NEG** | NEG | NEG |
| Specific Gravity | | *ASTM D1298 | | **1.079** | 1.085 | 1.081 |
| pH | Scale 0-14 | ASTM D1287 | | **7.51** | 7.45 | 7.20 |
| Nitrites | ppm | AP-053:2009 | | **NT** | NT | NT |
| Reserve Alkalinity | Scale 0-20 | *ASTM D1121 | | **---** | --- | --- |
| Percentage Glycol | % | ASTM D3321 | | **59.9** | 65.4 | 61.9 |
| Freezing Point | °F | ASTM D3321 | | **-56** | -64 | -59 |
| Carboxylate | | | | **fail** | fail | fail |
| Coolant Color | | *Visual | | **Yllow** | Yllow | Yllow |
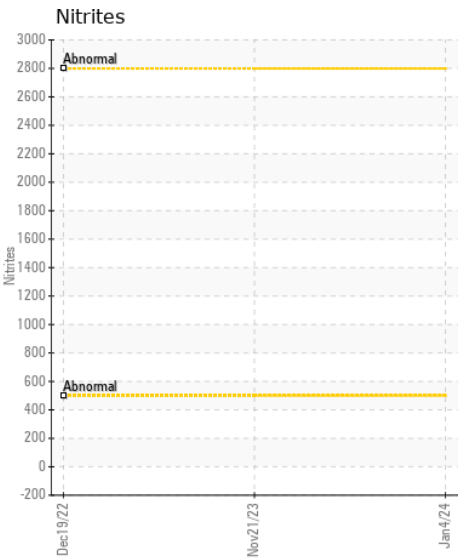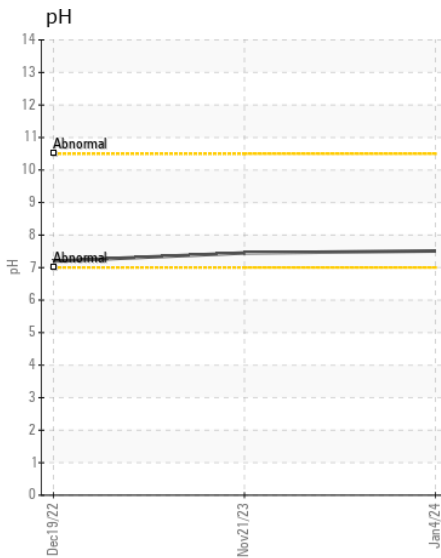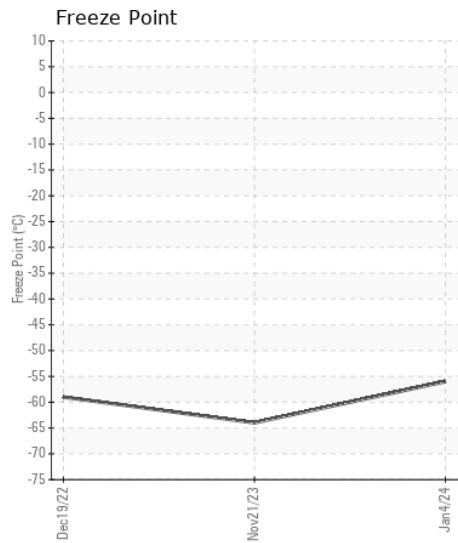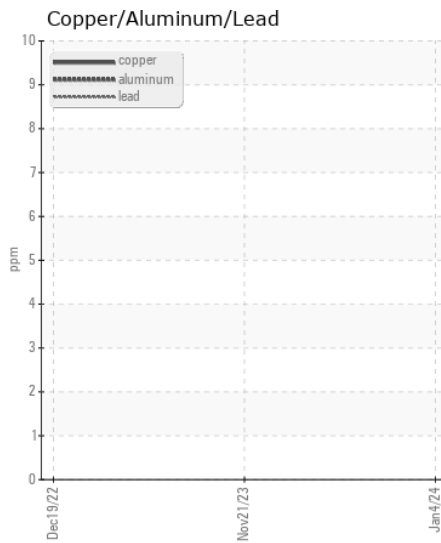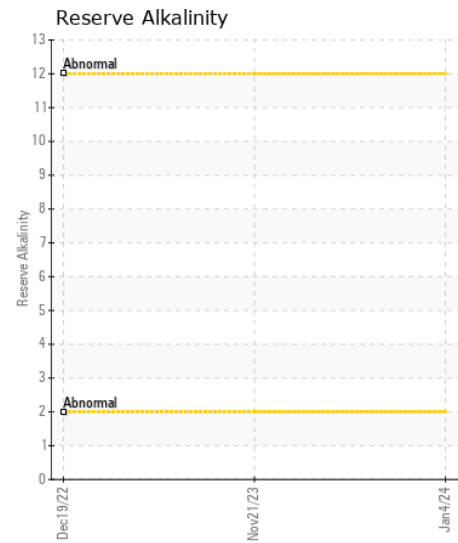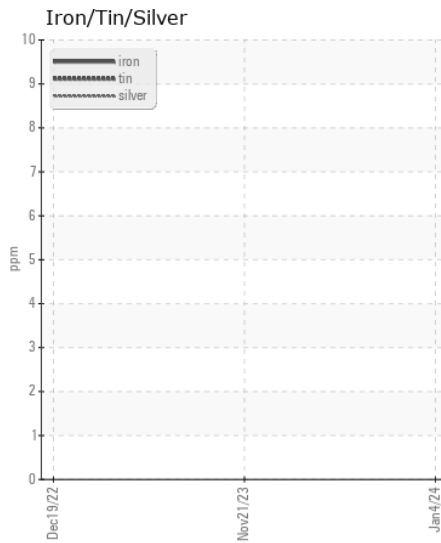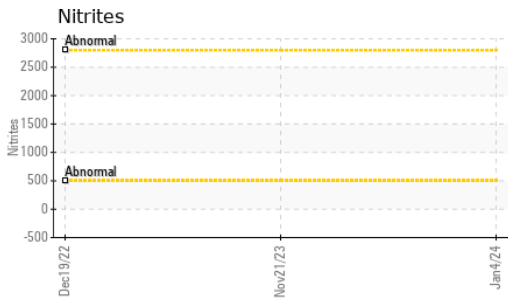
## Nitrites



## Iron/Tin/Silver



## Reserve Alkalinity



## Copper/Aluminum/Lead



## Freeze Point



## pH



## Nitrites



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