



# ASCENDUM

## COOLANT REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area  
**Ascendum Machinery**  
Machine Id  
**VOLVO EC220D EX-1 (S/N 210294)**  
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.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ASC0000939	---	---
Sample Date		Client Info		13 Dec 2023	---	---
Machine Age	hrs	Client Info		9894	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				NORMAL	---	---

### WEAR

Total Dissolved Solids				226.5	---	---
Coolant Appearance		*Visual	Clear	normal	---	---

### CONTAMINATION

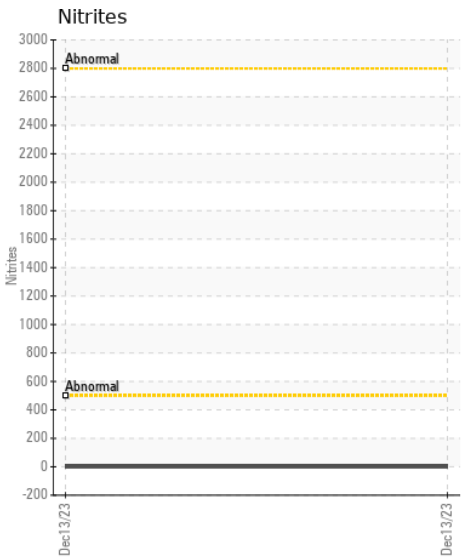
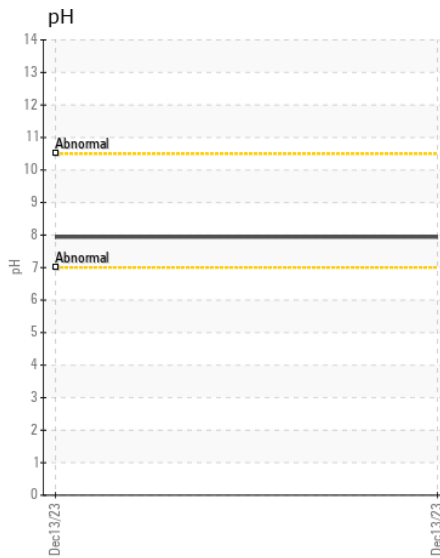
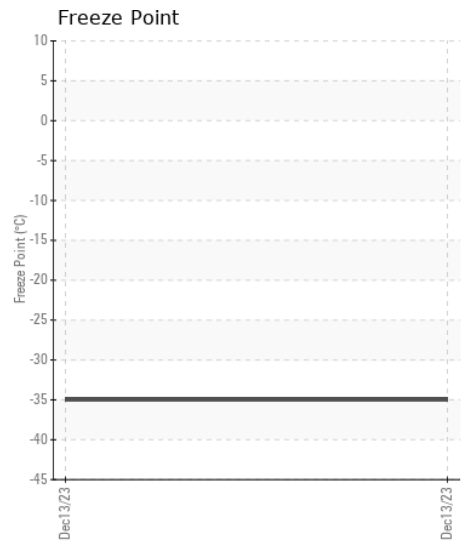
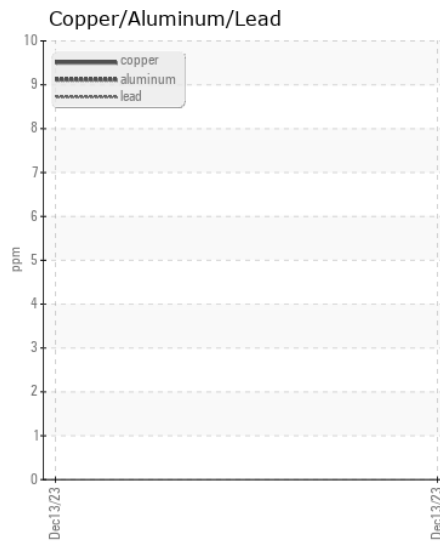
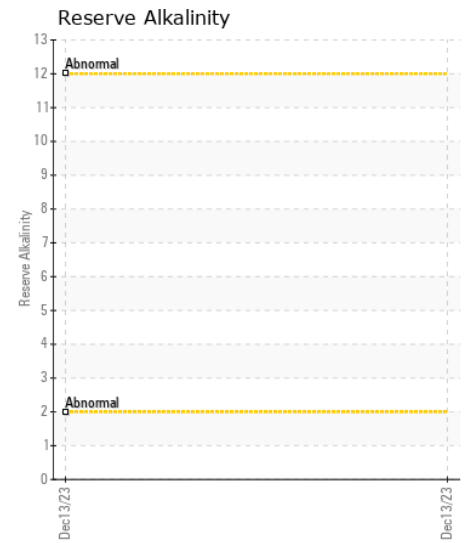
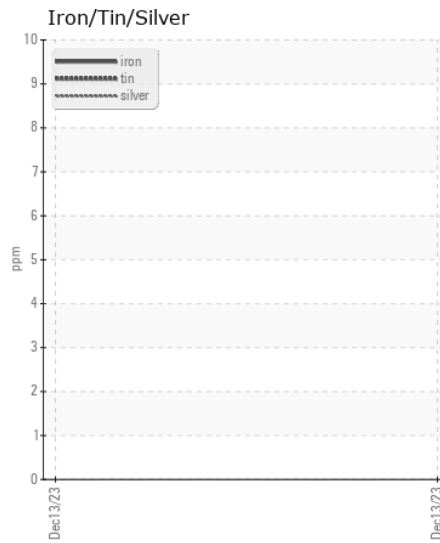
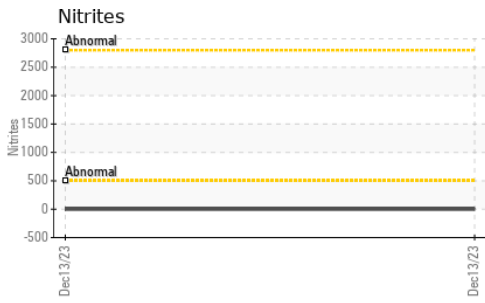
Water		WC Method		NEG	---	---
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### FLUID CONDITION

Contamination in the coolant.

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

Specific Gravity		*ASTM D1298		1.067	---	---
pH	Scale 0-14	ASTM D1287		7.94	---	---
Nitrites	ppm	AP-053:2009		0	---	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		50.0	---	---
Freezing Point	°F	ASTM D3321		-35	---	---
Carboxylate				fail	---	---
Coolant Color		*Visual		Yllow	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : ASC0000939 **Received** : 14 Dec 2023  
**Lab Number** : 06034968 **Tested** : 20 Dec 2023  
**Unique Number** : 10790197 **Diagnosed** : 20 Dec 2023 - Doug Bogart  
**Test Package** : COOL- ( Additional Tests: COOL )

**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: