



# ASCENDUM

## COOLANT REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

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

### RECOMMENDATION

The fluid is suitable for further service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ASC0008332	ASC0000922	---
Sample Date		Client Info		08 Jul 2024	01 Apr 2024	---
Machine Age	hrs	Client Info		964	554	---
Oil Age	hrs	Client Info		964	554	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Not Changd	Not Changd	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	NORMAL	---

### WEAR

Total Dissolved Solids				289.5	269.5	---
Coolant Appearance		*Visual	Clear	normal	normal	---

### CONTAMINATION

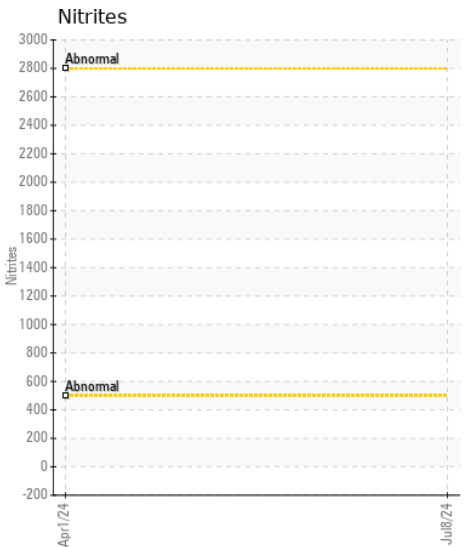
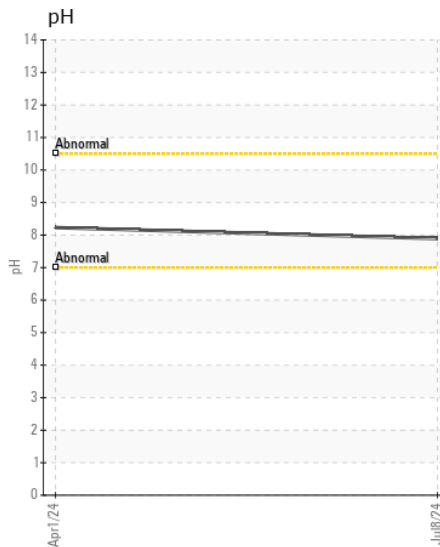
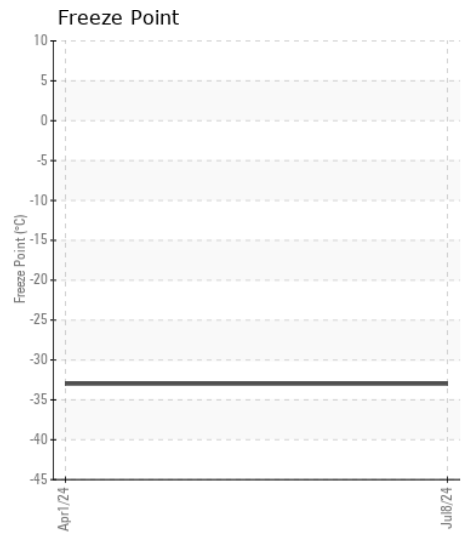
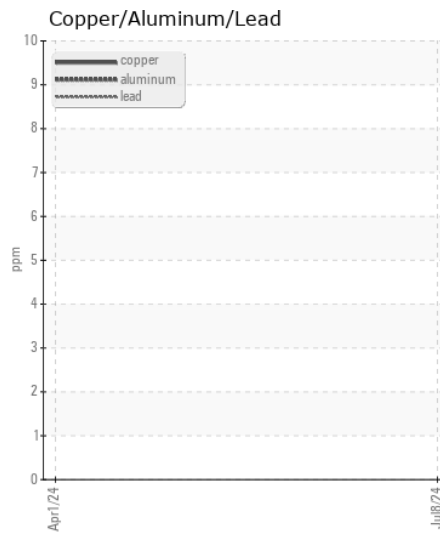
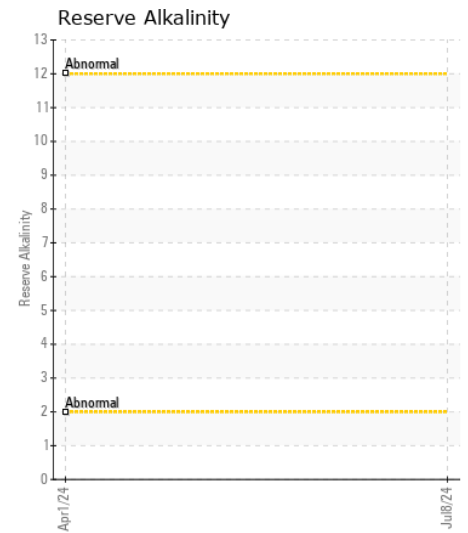
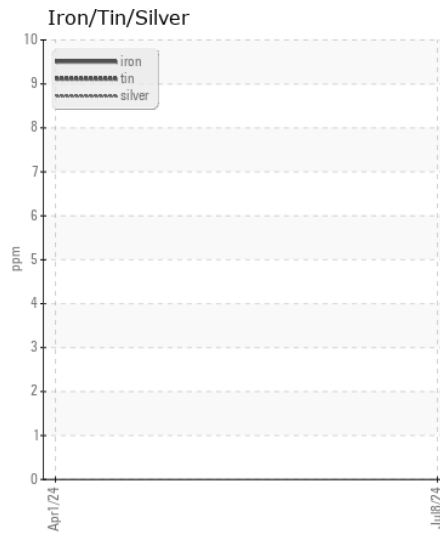
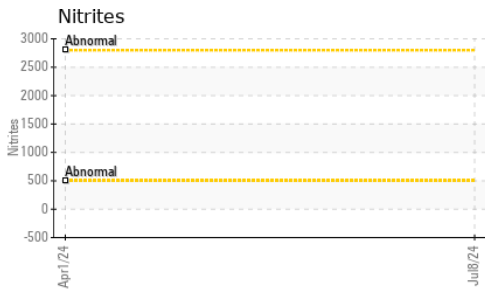
Water		WC Method		NEG	NEG	---
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### FLUID CONDITION

There is no contamination in the coolant.

The carboxylate level of this fluid is acceptable. The glycol level is acceptable. The pH level of this fluid is within the acceptable limits.

Boiling Point	°C	WC Method		225	225	---
Specific Gravity		*ASTM D1298		1.066	1.067	---
pH	Scale 0-14	ASTM D1287		7.89	8.23	---
Nitrites	ppm	AP-053:2009		NT	NT	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		49.1	49.2	---
Freezing Point	°F	ASTM D3321		-33	-33	---
Carboxylate				pass	fail	---
Coolant Color		*Visual		Yllow	Yllow	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : ASC0008332 **Received** : 11 Jul 2024  
**Lab Number** : 06233778 **Tested** : 12 Jul 2024  
**Unique Number** : 11122612 **Diagnosed** : 15 Jul 2024 - Jonathan Hester  
**Test Package** : COOL- ( Additional Tests: BoilingPoint, COOL, GlycolType )

**CAROLINA EXCAVATING**  
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 Contact: KEVIN LADGERWOOD  
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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: