



ASCENDUM

COOLANT REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
Ascendum Machinery
Machine Id
VOLVO EC300E 300E316668
Component
Radiator Coolant
Fluid
VOLVO VCS-2 Coolant (Orange) (--- 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		ASC0000848	---	---
Sample Date		Client Info		18 Mar 2024	---	---
Machine Age	hrs	Client Info		1969	---	---
Oil Age	hrs	Client Info		1969	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Not Changd	---	---
Filter Changed		Client Info		N/A	---	---
Sample Status				NORMAL	---	---

WEAR

Total Dissolved Solids				259.5	---	---
Coolant Appearance		*Visual	Clear	normal	---	---

CONTAMINATION

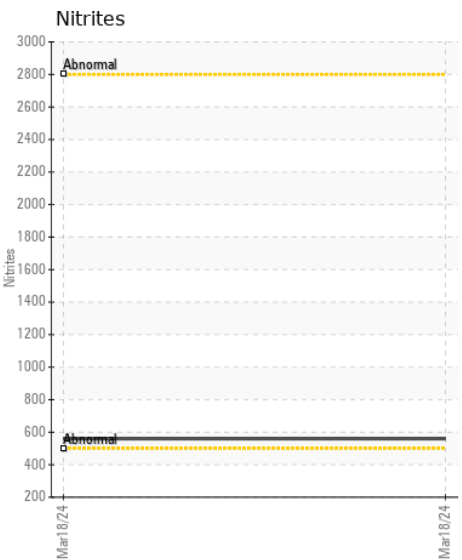
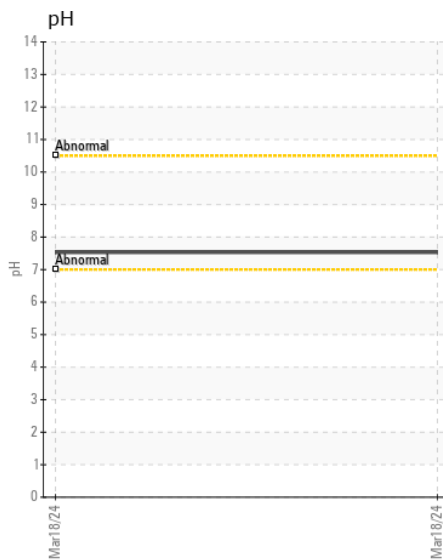
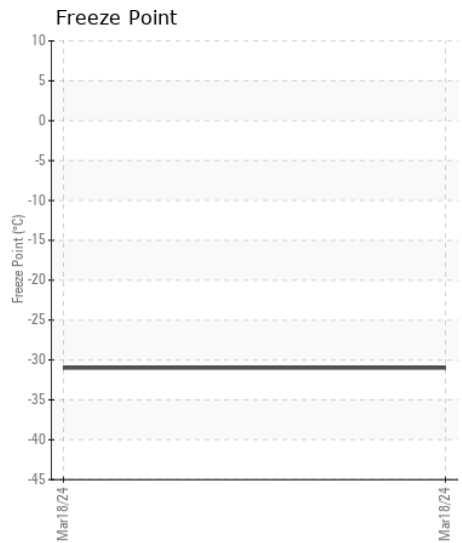
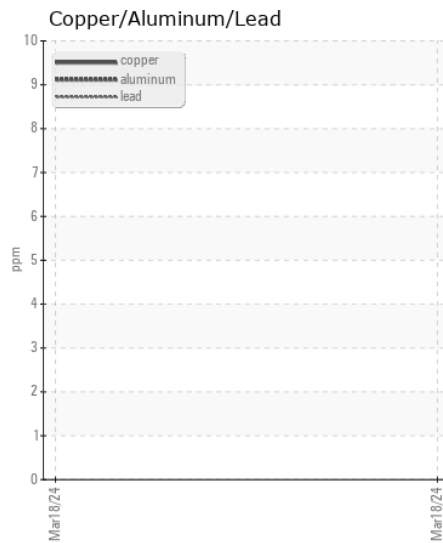
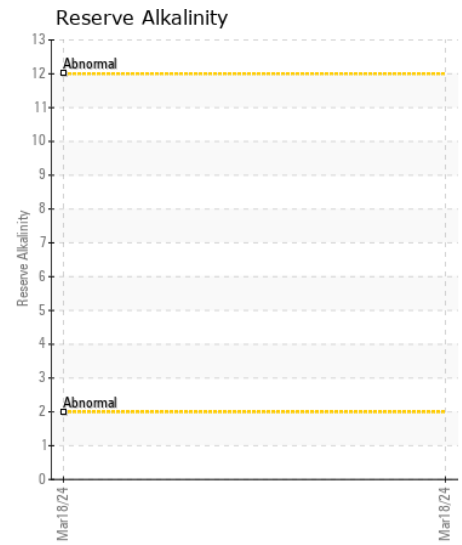
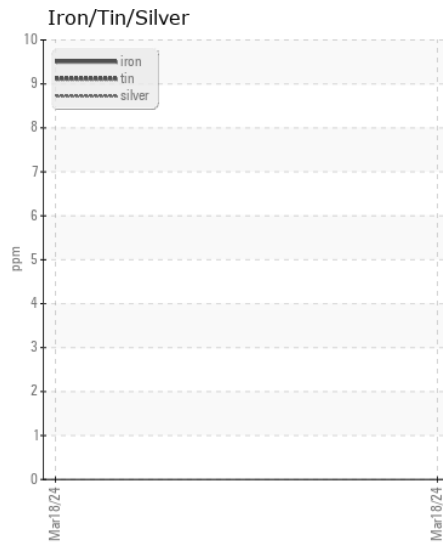
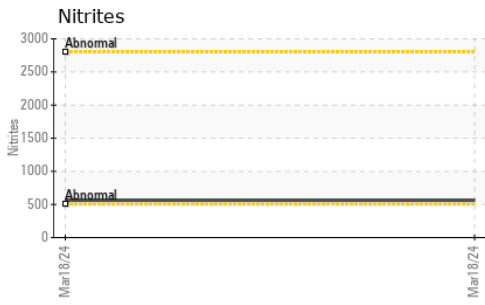
Water		WC Method		NEG	---	---
-------	--	-----------	--	-----	-----	-----

FLUID CONDITION

Contamination in the coolant.

Carboxylate test failed. Glycol and nitrite levels are acceptable. The pH level of this fluid is within the acceptable limits.

Boiling Point	°C	WC Method		225	---	---
Specific Gravity		*ASTM D1298		1.065	---	---
pH	Scale 0-14	ASTM D1287		7.53	---	---
Nitrites	ppm	AP-053:2009		560	---	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		48.6	---	---
Freezing Point	°F	ASTM D3321		-31	---	---
Carboxylate				fail	---	---
Coolant Color		*Visual		Yllow	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : ASC0000848 **Received** : 21 Mar 2024
Lab Number : 06125333 **Tested** : 26 Mar 2024
Unique Number : 10939484 **Diagnosed** : 26 Mar 2024 - Jonathan Hester
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType)

MIDSOUTH LAND SERVICES
 138 HILLCREST DR
 ADVANCE, NC
 US 27006
 Contact: Service Manager

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: