



ASCENDUM

COOLANT REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
Ascendum Machinery
Machine Id
VOLVO EC220E EX-6 (S/N 314304)
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		ASC0007782	ASC0001070	---
Sample Date		Client Info		19 Mar 2024	15 Aug 2023	---
Machine Age	hrs	Client Info		4992	4492	---
Oil Age	hrs	Client Info		4992	4492	---
Filter Age	hrs	Client Info		0	4492	---
Oil Changed		Client Info		Not Changd	Not Changd	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				NORMAL	NORMAL	---

WEAR

Total Dissolved Solids				259.5	273.0	---
Coolant Appearance		*Visual	Clear	normal	normal	---

CONTAMINATION

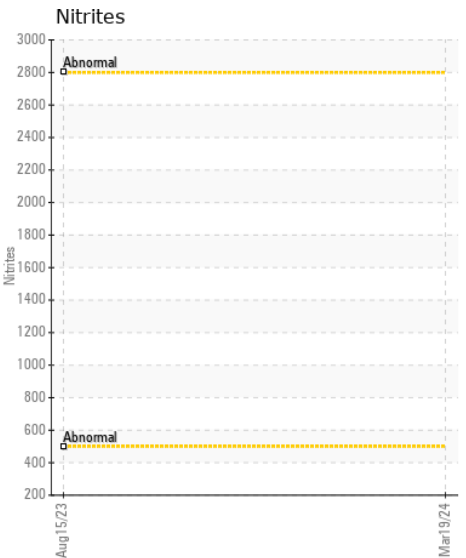
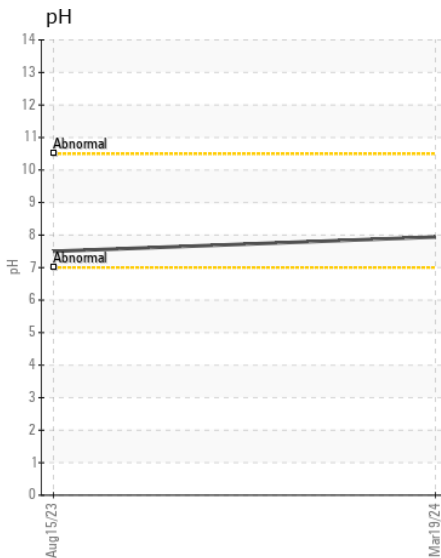
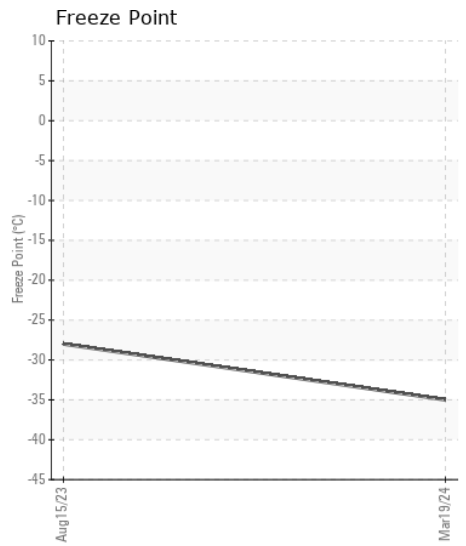
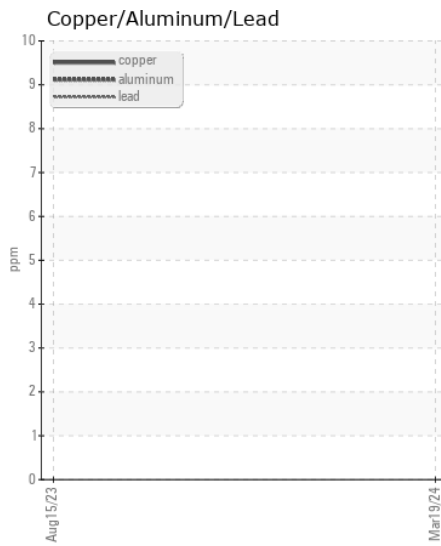
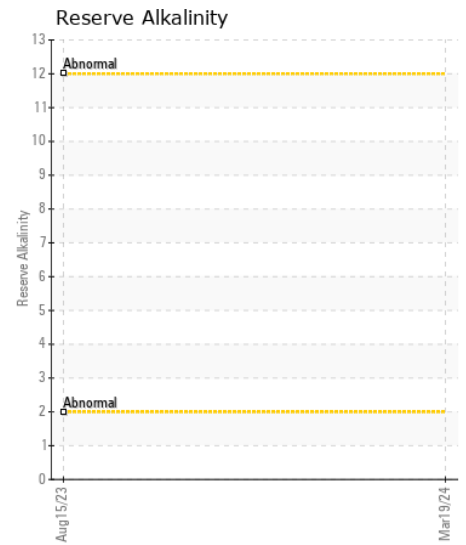
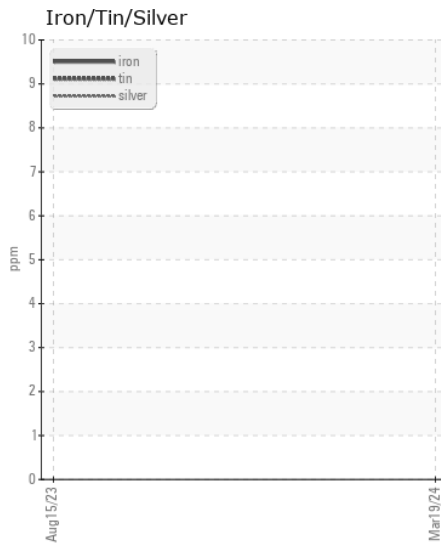
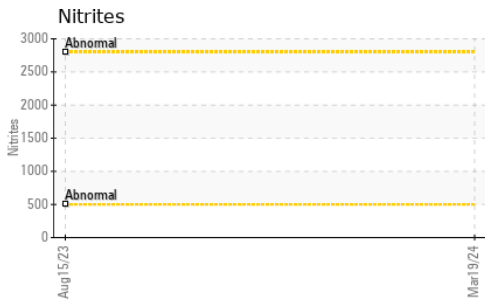
Water		WC Method		NEG	NEG	---
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FLUID CONDITION

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		1.068	1.064	---
pH	Scale 0-14	ASTM D1287		7.94	7.50	---
Nitrites	ppm	AP-053:2009		936	NT	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		50.2	47.6	---
Freezing Point	°F	ASTM D3321		-35	-28	---
Carboxylate				fail	fail	---
Coolant Color		*Visual		Yllow	Yllow	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : ASC0007782
Lab Number : 06125330
Unique Number : 10939481
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)

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F: