



ASCENDUM

COOLANT REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	ABNORMAL



Area
Ascendum Machinery
Machine Id
310511 VOLVO EC220E 310511
Component
Radiator Coolant
Fluid
VOLVO COOLANT VCS (YELLOW) (--- GAL)

RECOMMENDATION

We recommend drain system, and refill with 50/50 antifreeze water mixture.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ASC0005081	ASC0005458	---
Sample Date		Client Info		07 Jun 2024	05 Oct 2023	---
Machine Age	hrs	Client Info		5967	4852	---
Oil Age	hrs	Client Info		5967	4852	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Not Changd	---
Filter Changed		Client Info		N/A	N/A	---
Sample Status				ABNORMAL	ABNORMAL	---

WEAR

Total Dissolved Solids				143.5	68.0	---
Coolant Appearance		*Visual	Clear	normal	normal	---

CONTAMINATION

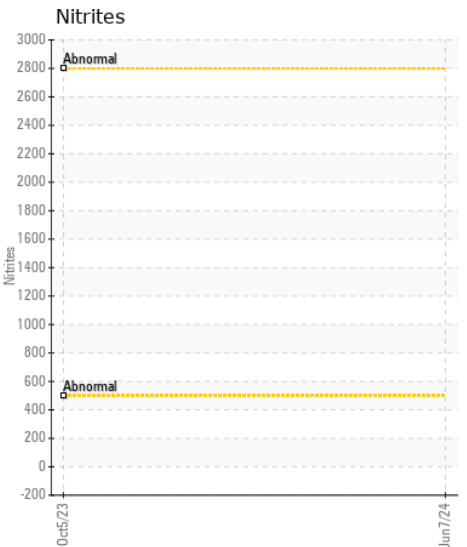
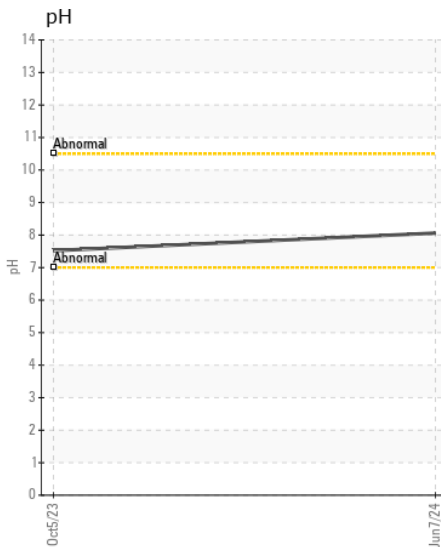
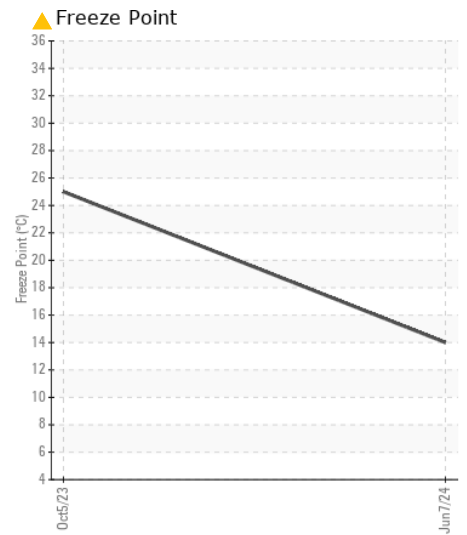
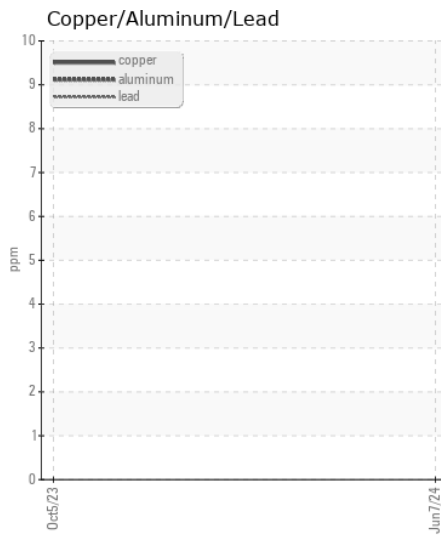
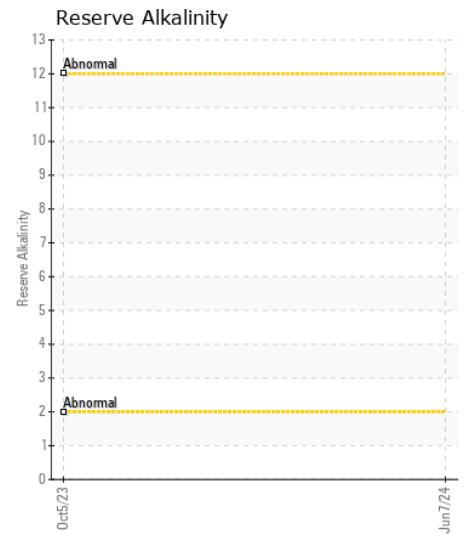
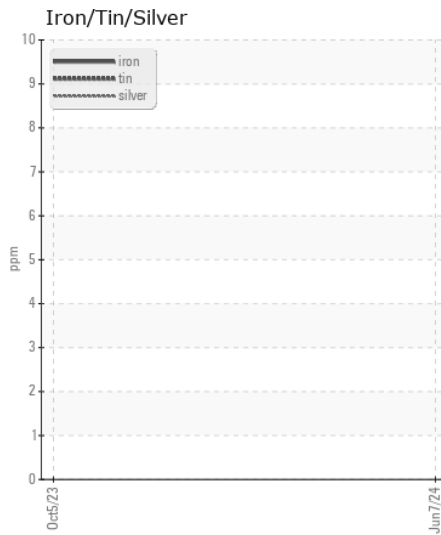
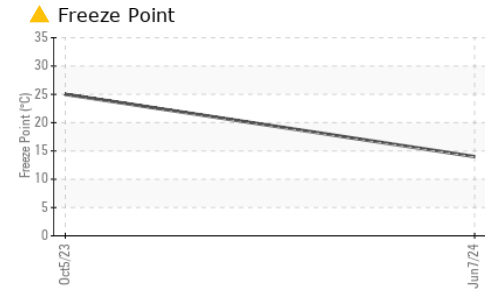
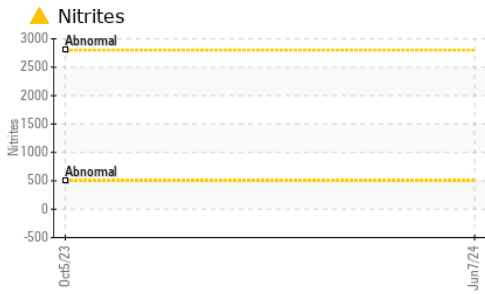
Water		WC Method		NEG	NEG	---
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FLUID CONDITION

Contamination in the coolant.

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

Boiling Point	°C	WC Method		217	---	---
Specific Gravity		*ASTM D1298		1.029	1.013	---
pH	Scale 0-14	ASTM D1287		8.06	7.52	---
Nitrites	ppm	AP-053:2009		NT	NT	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		▲ 22.5	▲ 11.7	---
Freezing Point	°F	ASTM D3321		▲ 14	▲ 25	---
Carboxylate				fail	fail	---
Coolant Color		*Visual		Yllow	Yllow	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : ASC0005081 **Received** : 14 Jun 2024
Lab Number : 06210663 **Tested** : 18 Jun 2024
Unique Number : 11083527 **Diagnosed** : 18 Jun 2024 - Doug Bogart
Test Package : COOL- (Additional Tests: BoilingPoint, COOL, GlycolType)

METAL RECYCLING SERVICES - GASTONIA
 5401 S YORK HWY
 GASTONIA, NC
 US 28052
 Contact: RYAN BOWDEN

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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