



# ASCENDUM

## COOLANT REPORT

CORROSION

**NORMAL**

CONTAMINANTS

**NORMAL**

COOLANT CONDITION

**NORMAL**

Area

**Ascendum Machinery**

Machine Id

**VOLVO L220H 3075**

Component

**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		<b>ASC0009789</b>	VCP0005382	---
Sample Date		Client Info		<b>17 Jun 2024</b>	13 Mar 2023	---
Machine Age	hrs	Client Info		<b>8014</b>	6005	---
Oil Age	hrs	Client Info		<b>2009</b>	6005	---
Oil Changed		Client Info		<b>Not Changed</b>	Changed	---
Sample Status				<b>NORMAL</b>	NORMAL	---

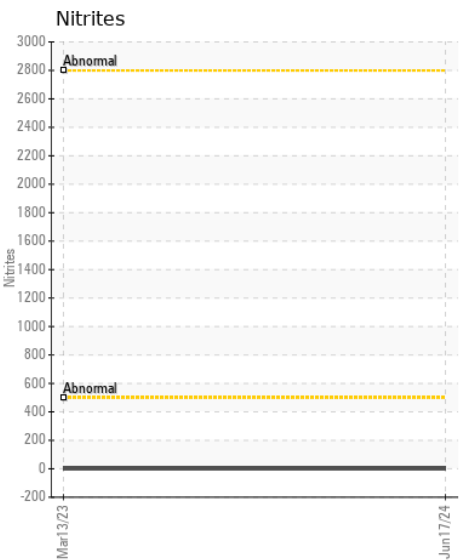
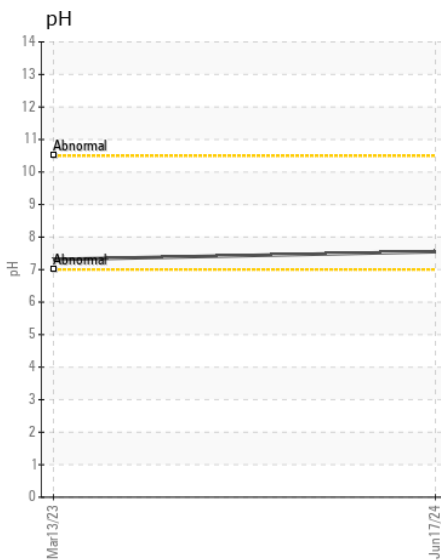
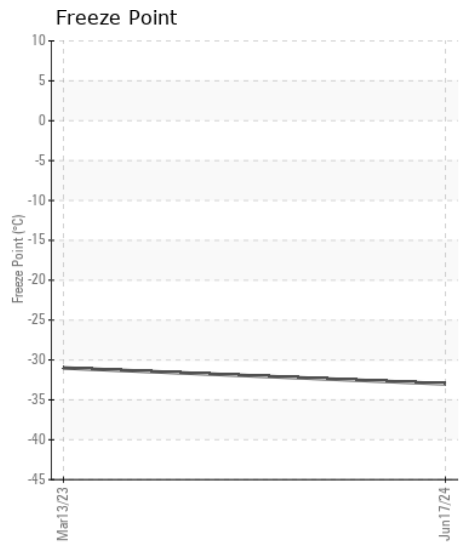
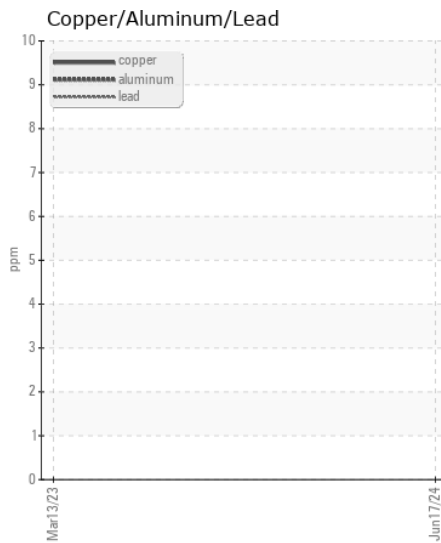
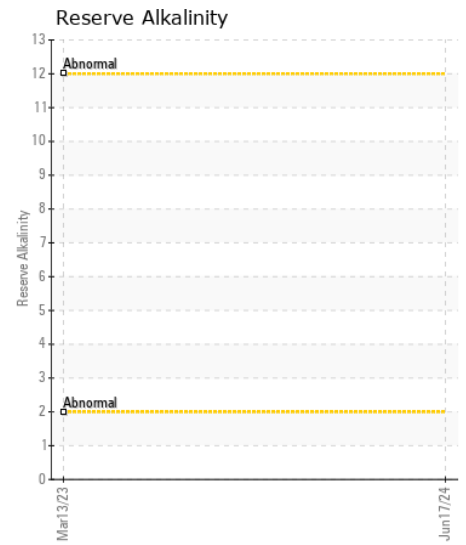
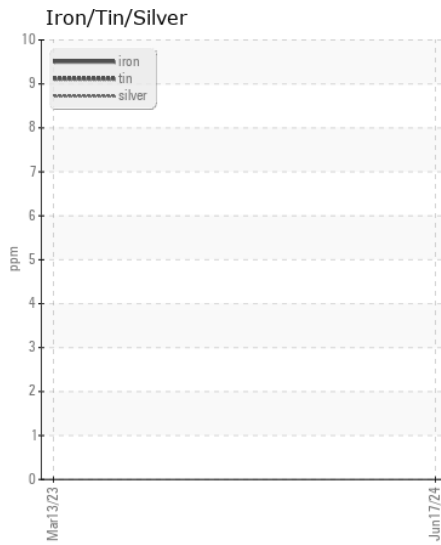
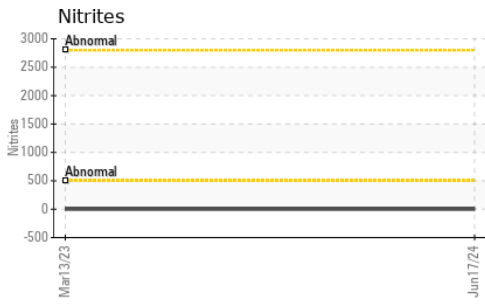
### CORROSION

Total Dissolved Solids				<b>295.0</b>	347.0	---
Coolant Appearance		*Visual	Clear	<b>normal</b>	normal	---

### CONTAMINANTS

There is no indication of any contamination in the coolant.

Boiling Point	°C	WC Method		<b>225</b>	---	---
Specific Gravity		*ASTM D1298		<b>1.067</b>	1.065	---
pH	Scale 0-14	ASTM D1287		<b>7.55</b>	7.31	---
Nitrites	ppm	AP-053:2009		<b>0</b>	0	---
Reserve Alkalinity	Scale 0-20	*ASTM D1121		<b>---</b>	---	---
Percentage Glycol	%	ASTM D3321		<b>49.9</b>	48.7	---
Freezing Point	°F	ASTM D3321		<b>-33</b>	-31	---
Carboxylate				<b>fail</b>	fail	---
Coolant Color		*Visual		<b>Orange</b>	Orange	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : ASC0009789 **Received** : 21 Jun 2024  
**Lab Number** : 06217249 **Tested** : 25 Jun 2024  
**Unique Number** : 11090113 **Diagnosed** : 25 Jun 2024 - Doug Bogart  
**Test Package** : COOL- ( Additional Tests: GlycolType )

**GERDAU AMERISTEEL**  
 4221 W BOY SCOUT BLVD #600  
 TAMPA, FL  
 US 33607  
 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: