



# VOLVO

## COOLANT REPORT

CORROSION

**NORMAL**

CONTAMINANTS

**SEVERE**

COOLANT CONDITION

**NORMAL**



Area

**[SW0-070027]**

Machine Id

**VOLVO L180H 5715**

Component

**Coolant**

Fluid

**VOLVO COOLANT VCS (YELLOW) (--- GAL)**

### RECOMMENDATION

We advise that you check for the source of oil entry. We recommend drain/flush system, and refill with 50/50 antifreeze water mixture. Please note that the coolant was too contaminated to perform the normal laboratory tests.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>VCP445321</b>	VCP441230	VCP0004653
Sample Date		Client Info		<b>27 Feb 2024</b>	08 Feb 2024	21 Jul 2023
Machine Age	hrs	Client Info		<b>0</b>	1600	670
Oil Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Not Changed</b>	Not Changed	Not Changed
Sample Status				<b>SEVERE</b>	SEVERE	NORMAL

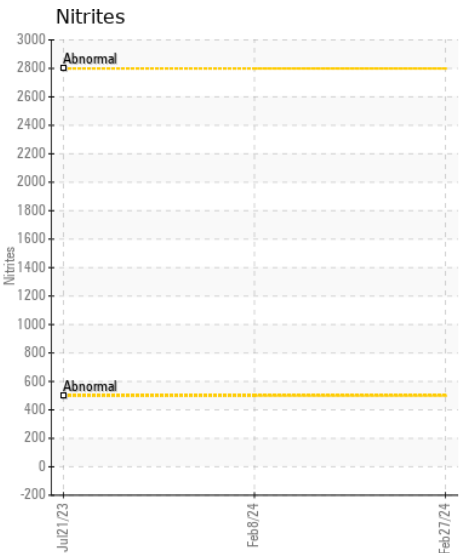
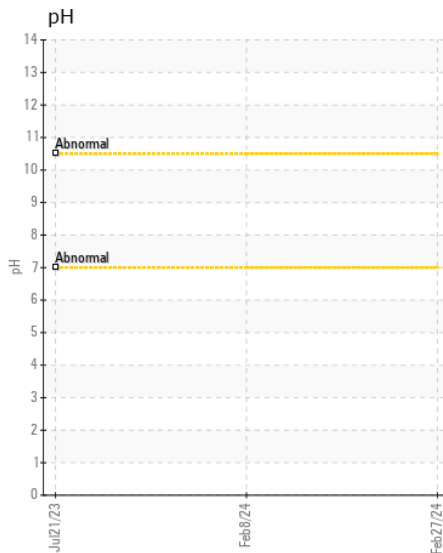
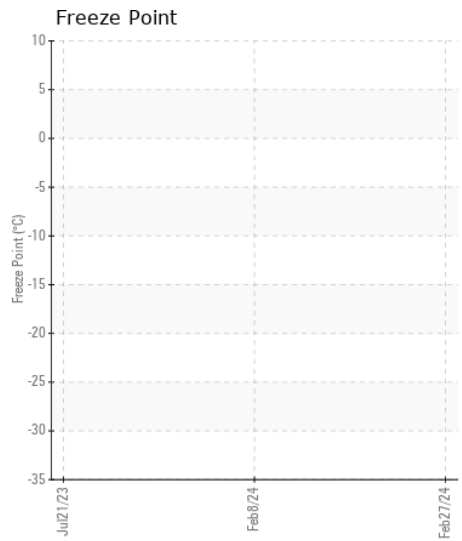
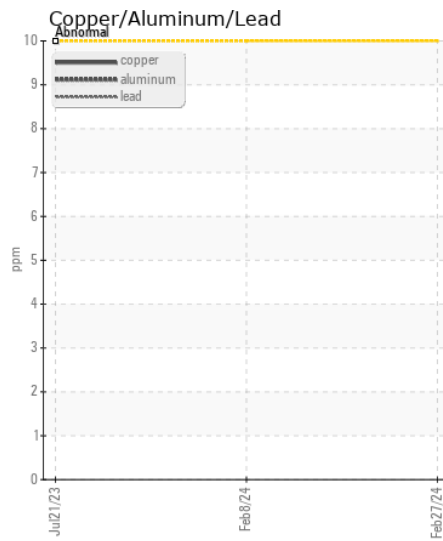
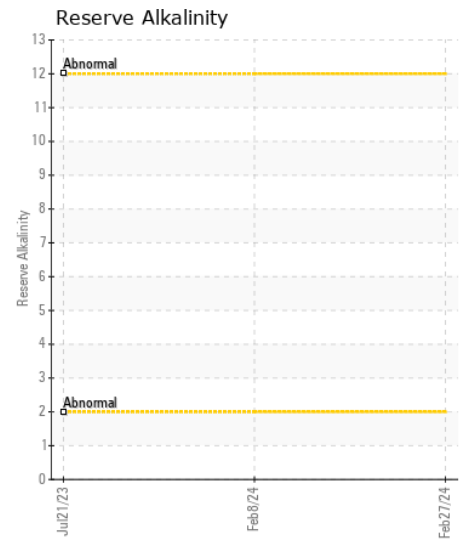
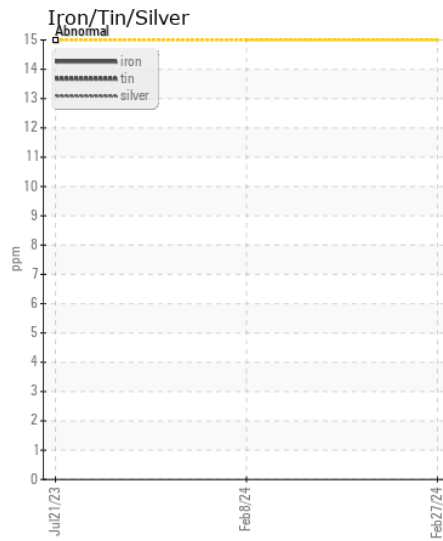
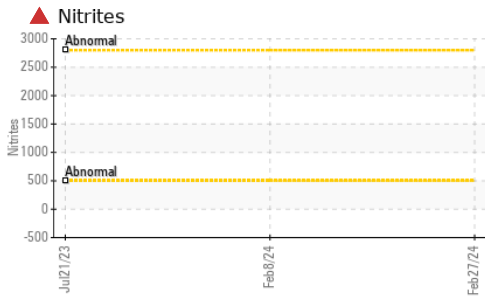
### CORROSION

Total Dissolved Solids				---	---	243.0
Coolant Appearance		*Visual	Clear	<b>▲ oil</b>	▲ oil	normal

### CONTAMINANTS

There is a high amount of oil present in the coolant. Suspect engine oil.

Specific Gravity		*ASTM D1298		---	---	1.060
pH	Scale 0-14	ASTM D1287		---	---	7.71
Nitrites	ppm	AP-053:2009		---	---	NT
Reserve Alkalinity	Scale 0-20	*ASTM D1121		---	---	---
Percentage Glycol	%	ASTM D3321		---	---	44.0
Freezing Point	°F	ASTM D3321		---	---	-21
Carboxylate				---	---	fail
Coolant Color		*Visual		---	---	Yllow



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : VCP445321 **Received** : 29 Feb 2024  
**Lab Number** : 06104738 **Tested** : 01 Mar 2024  
**Unique Number** : 10902968 **Diagnosed** : 01 Mar 2024 - Doug Bogart  
**Test Package** : COOL- ( Additional Tests: BoilingPoint, COOL, GlycolType )

**DUNN CONSTRUCTION INC**  
 318 N 14TH ST  
 BELLEVUE, IA  
 US 52031  
 Contact: STEVE DUNN  
 DUNNCONSTRUCTINC@GMAIL.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)

T:  
F: