



# VOLVO

## COOLANT REPORT

CORROSION	<b>NORMAL</b>
CONTAMINANTS	<b>NORMAL</b>
COOLANT CONDITION	<b>NORMAL</b>



Area  
**EXCAVATION JEAN LECLERC [405211]**  
Machine Id  
**VOLVO L90H 627930**  
Component  
**Coolant**  
Fluid  
**EXTENDED LIFE COOLANT (--- GAL)**

### RECOMMENDATION

The fluid is suitable for further service. Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>VCP393861</b>	---	---
Sample Date		Client Info		<b>17 May 2024</b>	---	---
Machine Age	hrs	Client Info		<b>495</b>	---	---
Oil Age	hrs	Client Info		<b>0</b>	---	---
Oil Changed		Client Info		<b>N/A</b>	---	---
Sample Status				<b>NORMAL</b>	---	---

### CORROSION

All metal levels are normal indicating no corrosion in the cooling system.

Iron	ppm	ASTM D5185(m)	>15	<b>0</b>	---	---
Aluminum	ppm	ASTM D5185(m)	>10	<b>3</b>	---	---
Copper	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	---	---
Lead	ppm	ASTM D5185(m)	>10	<b>0</b>	---	---
Tin	ppm	ASTM D5185(m)	>10	<b>0</b>	---	---
Silver	ppm	ASTM D5185(m)	>10	<b>&lt;1</b>	---	---
Zinc	ppm	ASTM D5185(m)	>10	<b>9</b>	---	---

### CONTAMINANTS

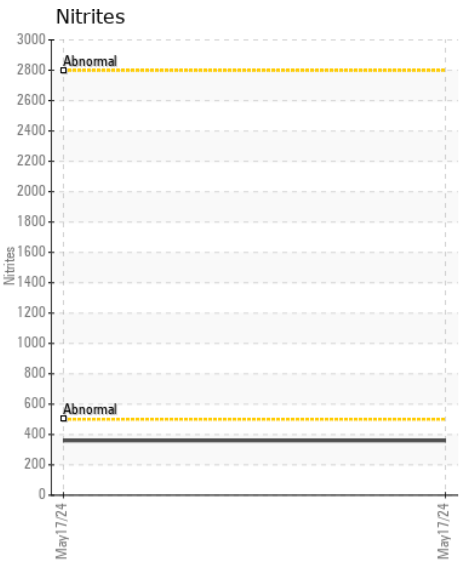
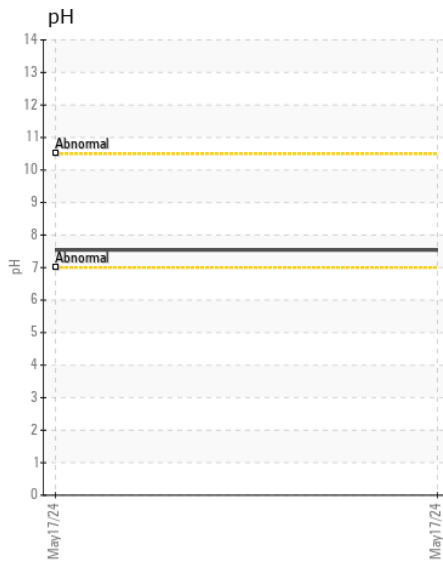
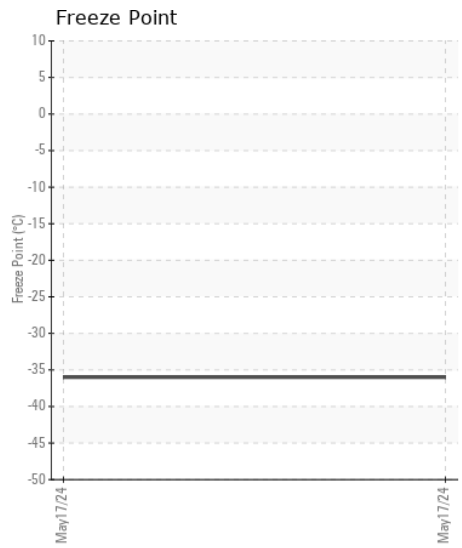
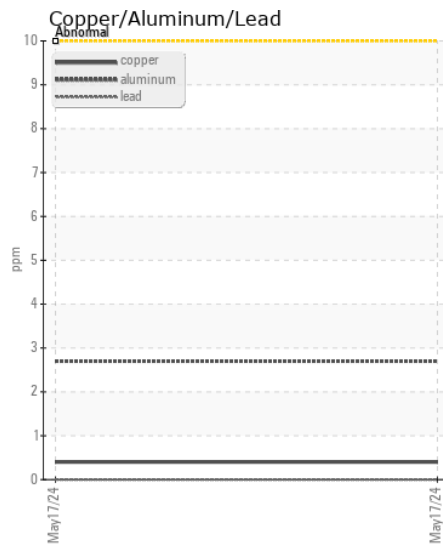
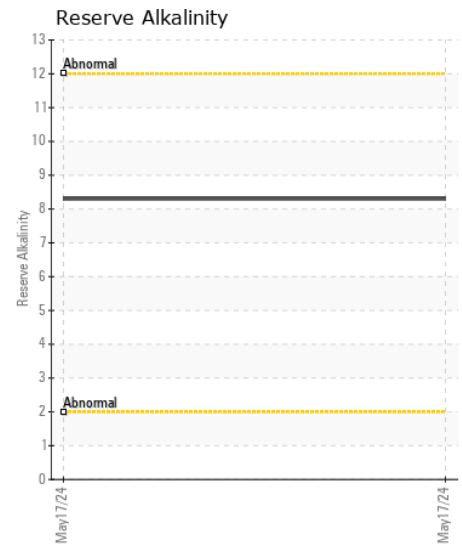
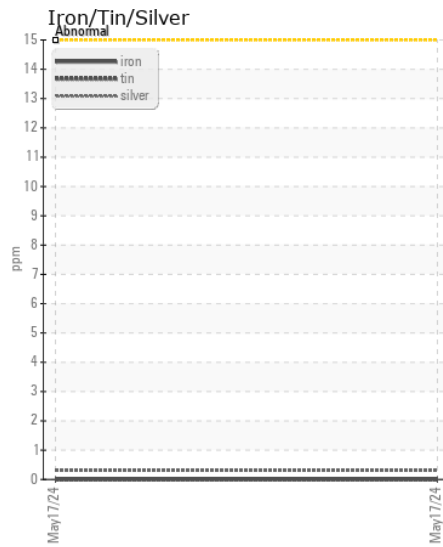
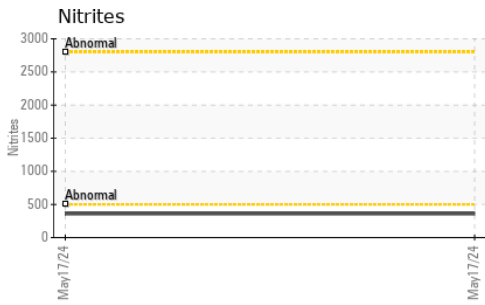
There is no indication of any contamination in the coolant.

Calcium	ppm	ASTM D5185(m)	>100	<b>3</b>	---	---
Magnesium	ppm	ASTM D5185(m)	>40	<b>1</b>	---	---
Appearance	scalar	Visual*	NORML	<b>NORML</b>	---	---
Odor	scalar	Visual*	NORML	<b>NORML</b>	---	---
Coolant Appearance		Visual*	Clear	<b>Clear</b>	---	---

### COOLANT CONDITION

The pH level of this fluid is within the acceptable limits. The reserve alkalinity of this fluid is acceptable.

Boiling Point	°C	WC Method*		<b>107</b>	---	---
Specific Gravity		ASTM D1298*		<b>1.067</b>	---	---
pH	Scale 0-14	ASTM D1287*	9.0	<b>7.54</b>	---	---
Nitrites	ppm	Alcan Test Kit*		<b>360</b>	---	---
Reserve Alkalinity	Scale 0-20	ASTM D1121*		<b>8.3</b>	---	---
Percentage Glycol	%	ASTM D3321*	50	<b>49.4</b>	---	---
Freezing Point	°C	ASTM D3321*	-40	<b>-36</b>	---	---
Carboxylate				<b>---</b>	---	---
Silicon	ppm	ASTM D5185(m)		<b>7</b>	---	---
Phosphorus	ppm	ASTM D5185(m)		<b>128</b>	---	---
Boron	ppm	ASTM D5185(m)		<b>15</b>	---	---
Molybdenum	ppm	ASTM D5185(m)		<b>186</b>	---	---
Sodium	ppm	ASTM D5185(m)		<b>6076</b>	---	---
Potassium	ppm	ASTM D5185(m)		<b>1938</b>	---	---
Coolant Color		Visual*	Orange/R	<b>Orange</b>	---	---



ISO 17025:2017  
Accredited  
Laboratory

**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : VCP393861 **Received** : 23 May 2024  
**Lab Number** : 02637305 **Tested** : 24 May 2024  
**Unique Number** : 5786467 **Diagnosed** : 24 May 2024 - Kevin Marson  
**Test Package** : COOL ( Additional Tests: GlycolType )

To discuss this sample report, contact Customer Service at 1-800-268-2131.  
 Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab.  
 Validity of results and interpretation are based on the sample and information as supplied.

**STRONGCO EQUIPMENT INC.**  
 72 CHEMIN DU TREMBLAY  
 BOUCHERVILLE, QC  
 CA J4B 6Z6  
 Contact: Jonathan Lamontagne  
 jlamontagne@strongco.com  
 T: (450)449-4666  
 F: (450)449-7913