



# VOLVO

## OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL



Area

**[404028]**

Machine Id

**VOLVO A25D 72122**

Component

**Transmission (Auto)**

Fluid

**VOLVO EXTRA AUTOMATIC FLUID (--- GAL)**

### RECOMMENDATION

We advise that you check for the source of water entry. We recommend that you drain the fluid from the component if this has not already been done. Confirm the source of the lubricant being utilized for top-up/fill. We recommend an early resample to monitor this condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP394070	---	---
Sample Date		Client Info		08 May 2024	---	---
Machine Age	hrs	Client Info		19454	---	---
Oil Age	hrs	Client Info		0	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Not Changed	---	---
Filter Changed		Client Info		Not Changed	---	---
Sample Status				ABNORMAL	---	---

### WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185(m)	>160	21	---	---
Chromium	ppm	ASTM D5185(m)	>5	0	---	---
Nickel	ppm	ASTM D5185(m)	>5	0	---	---
Titanium	ppm	ASTM D5185(m)		<1	---	---
Silver	ppm	ASTM D5185(m)	>5	0	---	---
Aluminum	ppm	ASTM D5185(m)	>50	9	---	---
Lead	ppm	ASTM D5185(m)	>50	2	---	---
Copper	ppm	ASTM D5185(m)	>225	114	---	---
Tin	ppm	ASTM D5185(m)	>10	6	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---

### CONTAMINATION

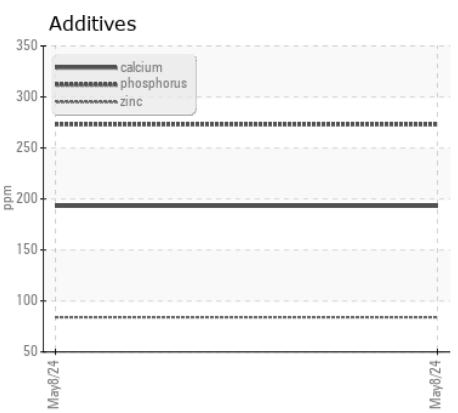
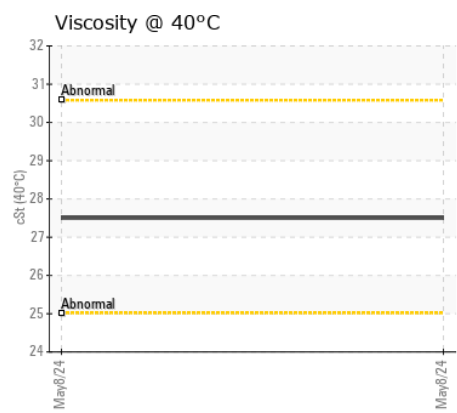
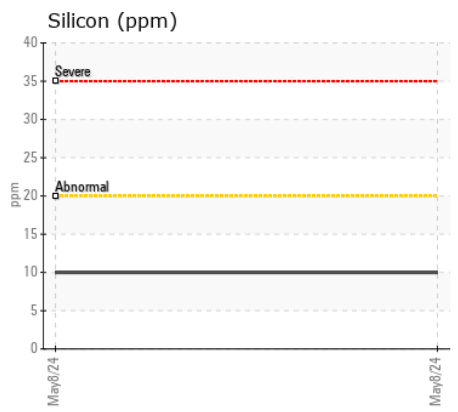
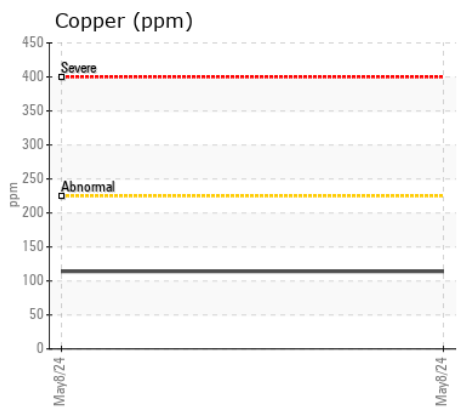
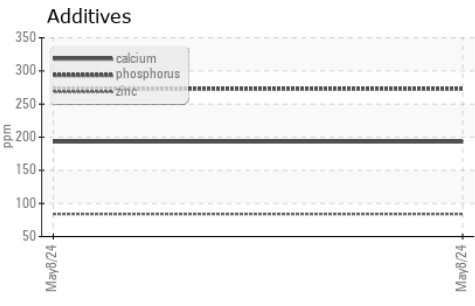
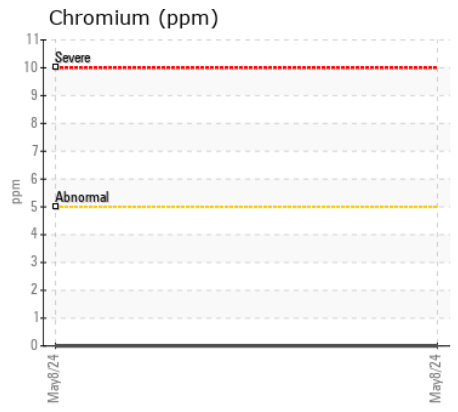
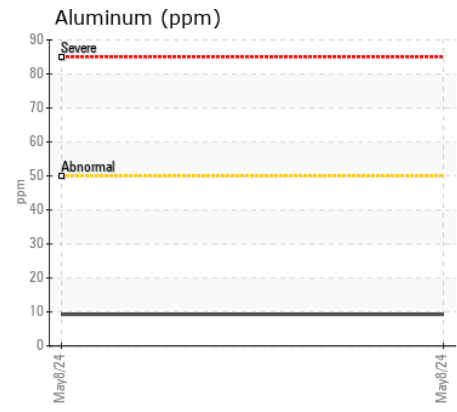
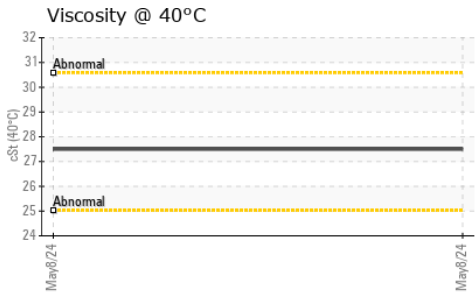
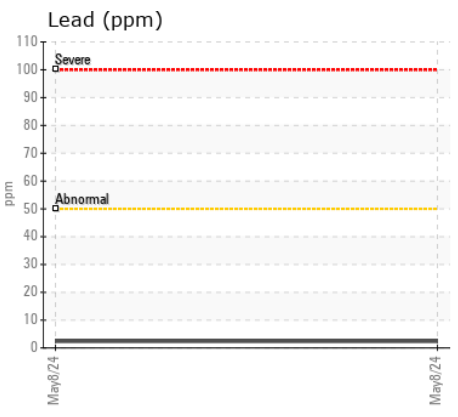
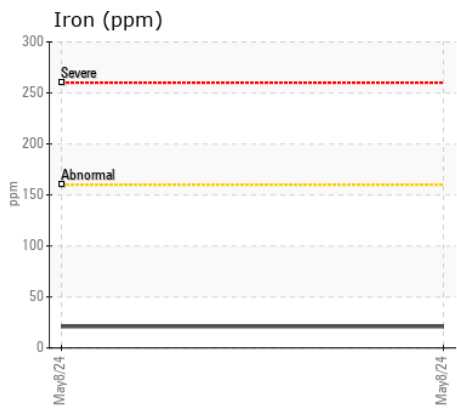
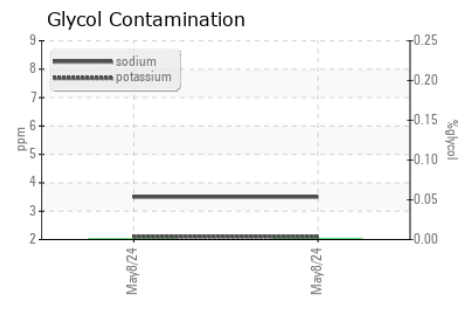
Free water present. Test for glycol is negative.

Silicon	ppm	ASTM D5185(m)	>20	10	---	---
Potassium	ppm	ASTM D5185(m)	>20	2	---	---
Water		WC Method	>0.1	NEG	---	---
Glycol	%	ASTM D7922*		0.0	---	---
Silt	scalar	Visual*	NONE	VLITE	---	---
Debris	scalar	Visual*	NONE	NONE	---	---
Sand/Dirt	scalar	Visual*	NONE	NONE	---	---
Appearance	scalar	Visual*	NORML	NORML	---	---
Odor	scalar	Visual*	NORML	NORML	---	---
Emulsified Water	scalar	Visual*	>0.1	NEG	---	---

### FLUID CONDITION

Additive levels indicate the addition of a different brand, or type of fluid. The fluid is no longer serviceable due to the presence of contaminants.

Sodium	ppm	ASTM D5185(m)		4	---	---
Boron	ppm	ASTM D5185(m)		96	---	---
Barium	ppm	ASTM D5185(m)		0	---	---
Molybdenum	ppm	ASTM D5185(m)		4	---	---
Manganese	ppm	ASTM D5185(m)		<1	---	---
Magnesium	ppm	ASTM D5185(m)		33	---	---
Calcium	ppm	ASTM D5185(m)		193	---	---
Phosphorus	ppm	ASTM D5185(m)		273	---	---
Zinc	ppm	ASTM D5185(m)		84	---	---
Sulfur	ppm	ASTM D5185(m)		1118	---	---
Visc @ 40°C	cSt	ASTM D7279(m)		27.5	---	---



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : VCP394070 **Received** : 10 May 2024  
**Lab Number** : 02634725 **Tested** : 10 May 2024  
**Unique Number** : 5775878 **Diagnosed** : 10 May 2024 - Kevin Marson  
**Test Package** : MOB 1 ( Additional Tests: Glycol )

**STRONGCO EQUIPMENT (CE)**  
 1051 Heritage Rd.  
 Burlington, ON  
 CA L7L 4Y1  
 Contact: Sue Hooton  
 shooton@strongco.com  
 T: (905)331-3835  
 F: (905)643-6077

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.