



# VOLVO

## OIL ANALYSIS REPORT

**WEAR****ABNORMAL****CONTAMINATION****NORMAL****FLUID CONDITION****NORMAL**

Area

**CENTENNIAL CONSTRUCTION [401963]**

Machine Id

**VOLVO A25G 752254**

Component

**Transmission (Auto)**

Fluid

**VOLVO AT 102 (--- GAL)**

### RECOMMENDATION

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP392853	---	---
Sample Date		Client Info		24 Apr 2024	---	---
Machine Age	hrs	Client Info		2130	---	---
Oil Age	hrs	Client Info		2000	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Changed	---	---
Filter Changed		Client Info		Changed	---	---
Sample Status				ABNORMAL	---	---

### WEAR

Iron	ppm	ASTM D5185(m)	>160	42	---	---
Chromium	ppm	ASTM D5185(m)	>5	0	---	---
Nickel	ppm	ASTM D5185(m)	>5	▲ 6	---	---
Titanium	ppm	ASTM D5185(m)		0	---	---
Silver	ppm	ASTM D5185(m)	>5	0	---	---
Aluminum	ppm	ASTM D5185(m)	>50	29	---	---
Lead	ppm	ASTM D5185(m)	>50	<1	---	---
Copper	ppm	ASTM D5185(m)	>225	50	---	---
Tin	ppm	ASTM D5185(m)	>10	8	---	---
Vanadium	ppm	ASTM D5185(m)		0	---	---
White Metal	scalar	Visual*	NONE	NONE	---	---
Yellow Metal	scalar	Visual*	NONE	NONE	---	---

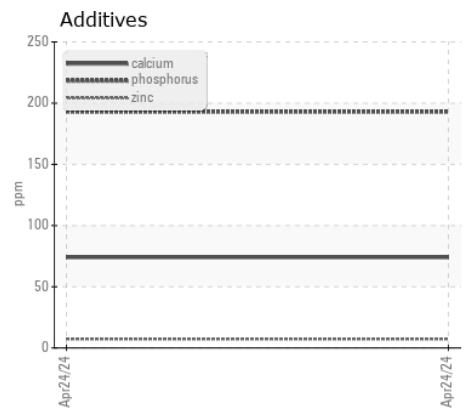
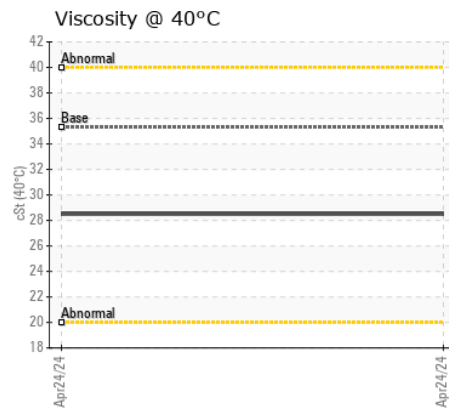
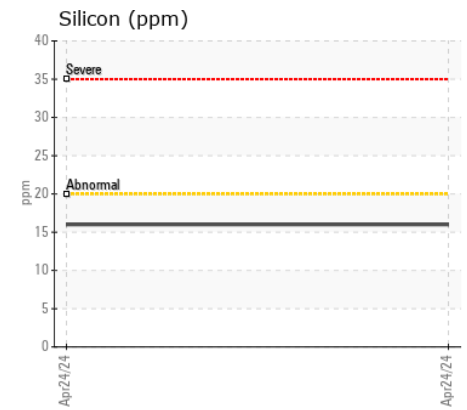
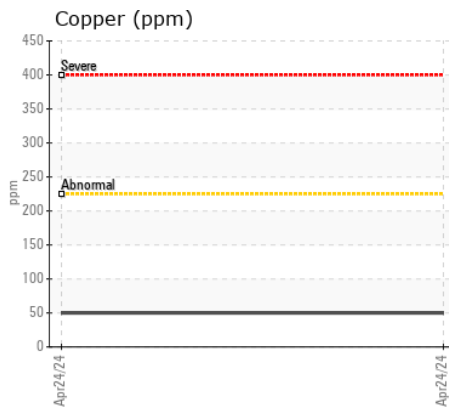
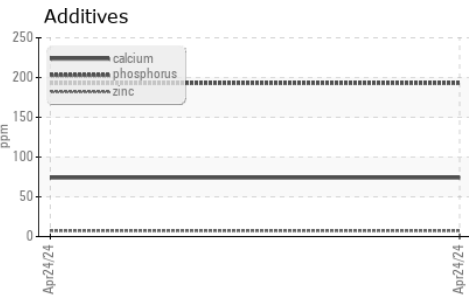
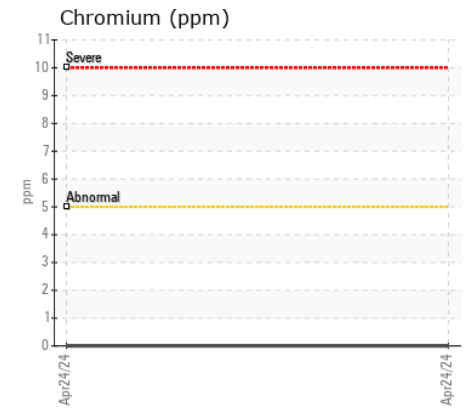
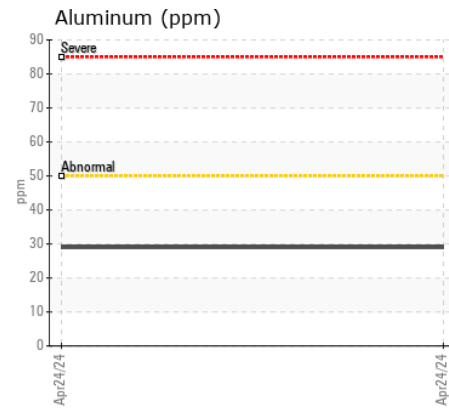
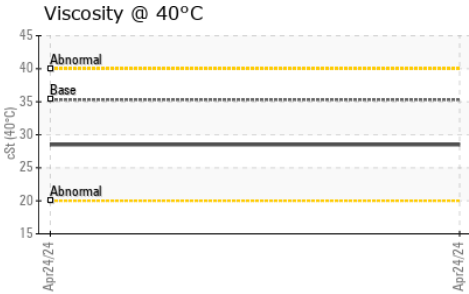
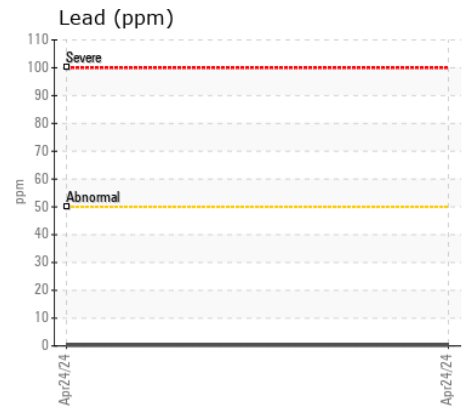
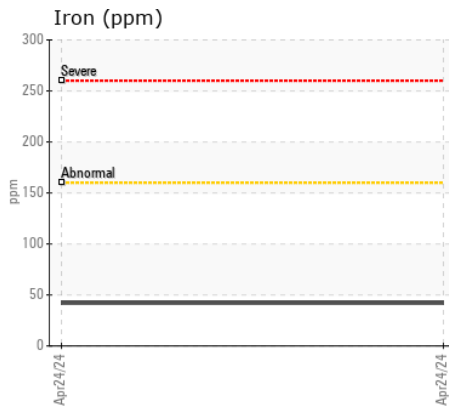
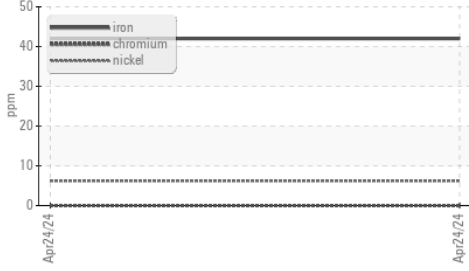
### CONTAMINATION

Silicon	ppm	ASTM D5185(m)	>20	16	---	---
Potassium	ppm	ASTM D5185(m)	>20	3	---	---
Water		WC Method	>0.1	NEG	---	---
Silt	scalar	Visual*	NONE	NONE	---	---
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

Sodium	ppm	ASTM D5185(m)		4	---	---
Boron	ppm	ASTM D5185(m)	187	72	---	---
Barium	ppm	ASTM D5185(m)	0.0	<1	---	---
Molybdenum	ppm	ASTM D5185(m)	0.0	0	---	---
Manganese	ppm	ASTM D5185(m)	0.0	4	---	---
Magnesium	ppm	ASTM D5185(m)	6.8	1	---	---
Calcium	ppm	ASTM D5185(m)	215	74	---	---
Phosphorus	ppm	ASTM D5185(m)	445	193	---	---
Zinc	ppm	ASTM D5185(m)	56	7	---	---
Sulfur	ppm	ASTM D5185(m)	1336	1775	---	---
Visc @ 40°C	cSt	ASTM D7279(m)	35.3	28.5	---	---

▲ Ferrous Alloys



**Laboratory** : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9  
**Sample No.** : VCP392853 **Received** : 29 Apr 2024  
**Lab Number** : 02632011 **Tested** : 29 Apr 2024  
**Unique Number** : 5773164 **Diagnosed** : 29 Apr 2024 - Kevin Marson  
**Test Package** : MOB 1

**STRONGCO EQUIPMENT INC.**  
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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.