



# VOLVO

## OIL ANALYSIS REPORT

WEAR	<b>NORMAL</b>
CONTAMINATION	<b>ABNORMAL</b>
FLUID CONDITION	<b>NORMAL</b>



Machine Id  
**VOLVO A25G 752045**  
Component  
**Transmission (Auto)**  
Fluid  
**VOLVO AUTOMATIC TRANSMISSION FLUID AT102 (--- GAL)**

### RECOMMENDATION

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

### WEAR

All component wear rates are normal.

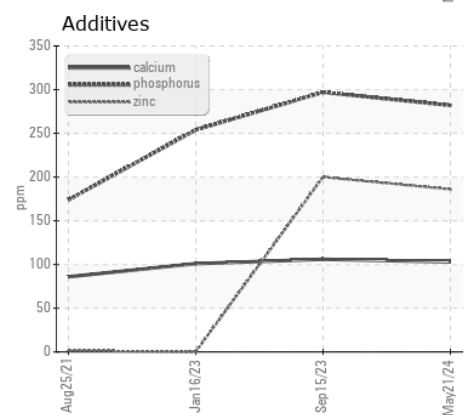
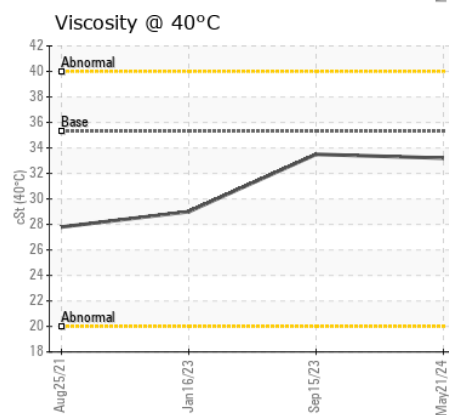
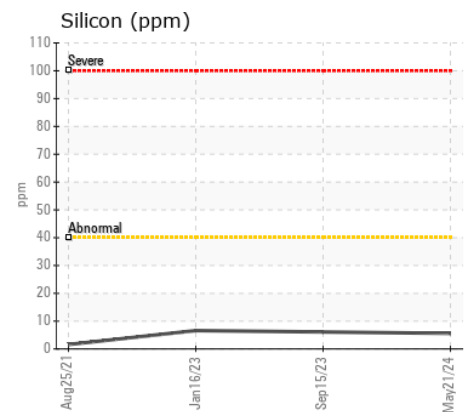
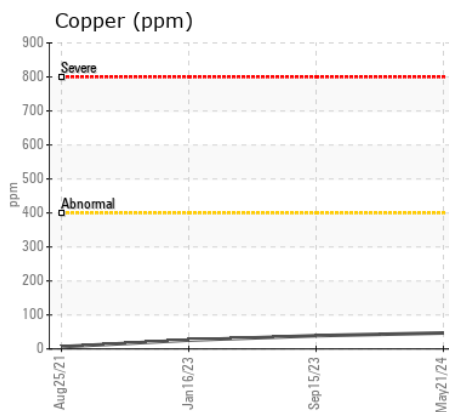
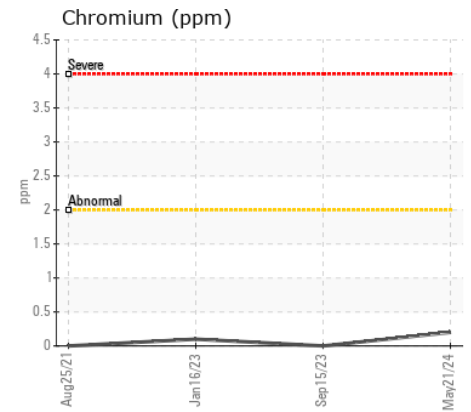
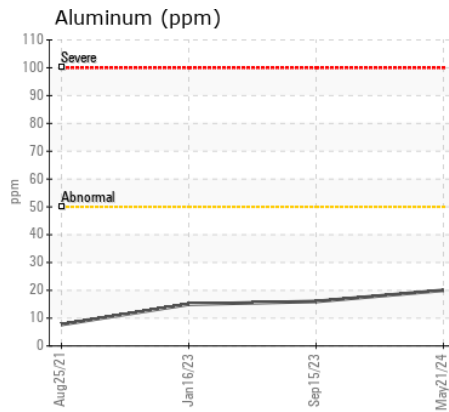
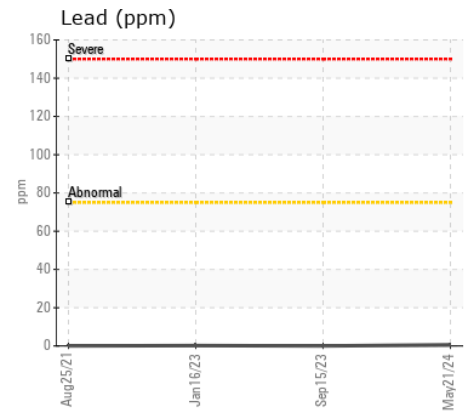
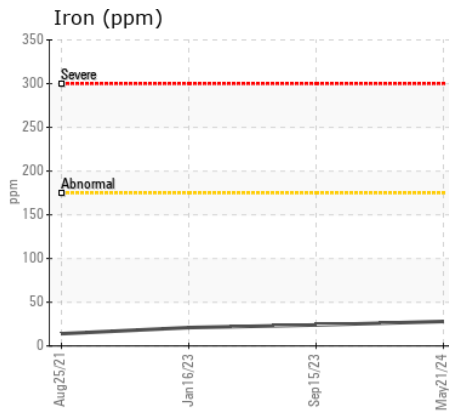
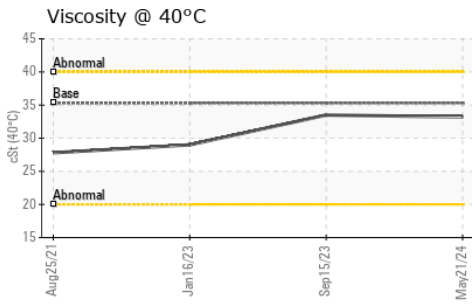
### CONTAMINATION

Moderate concentration of visible dirt/debris present in the fluid.

### FLUID CONDITION

The condition of the fluid is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>VCP447764</b>	VCP387381	VCP395921
Sample Date		Client Info		<b>21 May 2024</b>	15 Sep 2023	16 Jan 2023
Machine Age	hrs	Client Info		<b>4514</b>	3862	2805
Oil Age	hrs	Client Info		<b>0</b>	0	0
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>Changed</b>	Changed	Not Chngd
Filter Changed		Client Info		<b>Changed</b>	Changed	Not Chngd
Sample Status				<b>ABNORMAL</b>	NORMAL	NORMAL
<hr/>						
Iron	ppm	ASTM D5185m	>175	<b>28</b>	24	21
Chromium	ppm	ASTM D5185m	>2	<b>&lt;1</b>	0	<1
Nickel	ppm	ASTM D5185m	>5	<b>6</b>	6	4
Titanium	ppm	ASTM D5185m	>5	<b>&lt;1</b>	0	0
Silver	ppm	ASTM D5185m	>2	<b>&lt;1</b>	0	0
Aluminum	ppm	ASTM D5185m	>50	<b>20</b>	16	15
Lead	ppm	ASTM D5185m	>75	<b>&lt;1</b>	0	<1
Copper	ppm	ASTM D5185m	>400	<b>47</b>	39	26
Tin	ppm	ASTM D5185m	>20	<b>9</b>	7	5
Vanadium	ppm	ASTM D5185m		<b>&lt;1</b>	0	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
<hr/>						
Silicon	ppm	ASTM D5185m	>40	<b>6</b>	6	7
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	3	2
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>▲ MODER</b>	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	NEG
<hr/>						
Sodium	ppm	ASTM D5185m		<b>5</b>	4	4
Boron	ppm	ASTM D5185m	187	<b>39</b>	48	92
Barium	ppm	ASTM D5185m	0.0	<b>&lt;1</b>	0	0
Molybdenum	ppm	ASTM D5185m	0.0	<b>&lt;1</b>	<1	<1
Manganese	ppm	ASTM D5185m	0.0	<b>2</b>	1	2
Magnesium	ppm	ASTM D5185m	6.8	<b>3</b>	4	<1
Calcium	ppm	ASTM D5185m	215	<b>103</b>	106	101
Phosphorus	ppm	ASTM D5185m	445	<b>282</b>	297	254
Zinc	ppm	ASTM D5185m	56	<b>186</b>	200	0
Sulfur	ppm	ASTM D5185m	1336	<b>1878</b>	2069	1990
Visc @ 40°C	cSt	ASTM D445	35.3	<b>33.2</b>	33.5	29.0



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : VCP447764  
**Lab Number** : 06194491  
**Unique Number** : 11056614  
**Test Package** : MOB 1

**Received** : 29 May 2024  
**Tested** : 30 May 2024  
**Diagnosed** : 31 May 2024 - Sean Felton

**ALTA EQUIPMENT COMPANY**  
 5151 DR MARTIN LUTHER KING BLVD  
 FORT MYERS, FL  
 US 33905  
 Contact: TODD LARK  
 tlark@altaequipfl.com  
 T:  
 F: (239)481-3302

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)