



# VOLVO

## OIL ANALYSIS REPORT

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



Machine Id  
**VOLVO A45G 352231**  
Component  
**Transmission (Auto)**  
Fluid  
**VOLVO AT 102 (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

### WEAR

All component wear rates are normal.

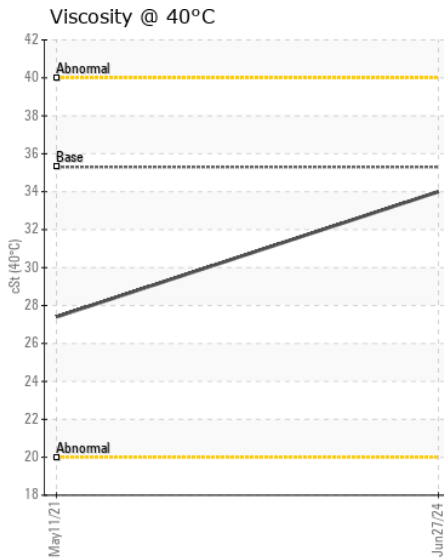
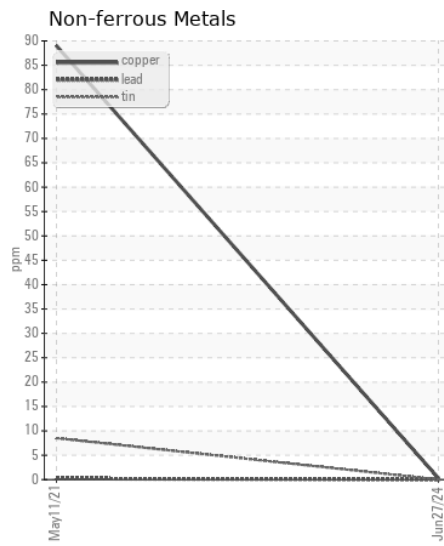
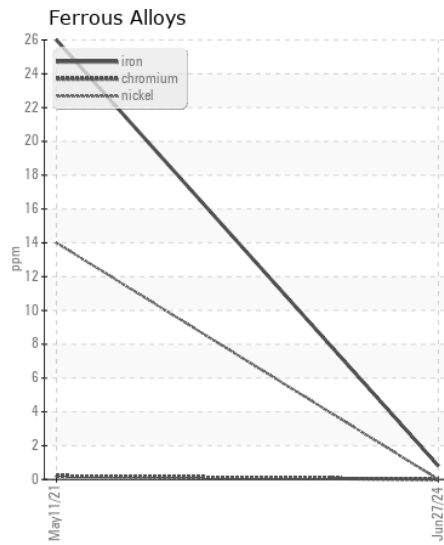
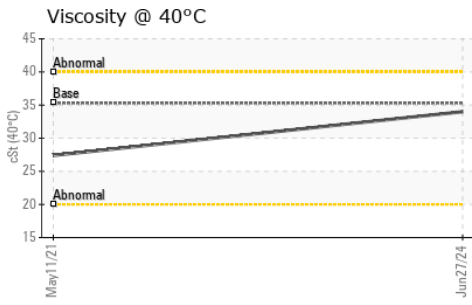
### CONTAMINATION

There is no indication of any contamination 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>VCP0008478</b>	VCP313106	---
Sample Date		Client Info		<b>27 Jun 2024</b>	11 May 2021	---
Machine Age	hrs	Client Info		<b>8101</b>	3503	---
Oil Age	hrs	Client Info		<b>8101</b>	0	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>N/A</b>	Not Changd	---
Filter Changed		Client Info		<b>N/A</b>	Not Changd	---
Sample Status				<b>NORMAL</b>	ABNORMAL	---
Iron	ppm	ASTM D5185m	>160	<b>&lt;1</b>	26	---
Chromium	ppm	ASTM D5185m	>5	<b>0</b>	<1	---
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	14	---
Titanium	ppm	ASTM D5185m		<b>0</b>	0	---
Silver	ppm	ASTM D5185m	>5	<b>0</b>	<1	---
Aluminum	ppm	ASTM D5185m	>50	<b>&lt;1</b>	10	---
Lead	ppm	ASTM D5185m	>50	<b>0</b>	<1	---
Copper	ppm	ASTM D5185m	>225	<b>&lt;1</b>	89	---
Tin	ppm	ASTM D5185m	>10	<b>0</b>	8	---
Vanadium	ppm	ASTM D5185m		<b>0</b>	0	---
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Silicon	ppm	ASTM D5185m	>20	<b>2</b>	4	---
Potassium	ppm	ASTM D5185m	>20	<b>&lt;1</b>	2	---
Water		WC Method	>0.1	<b>NEG</b>	NEG	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	▲ MODER	---
Sand/Dirt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual	NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual	>0.1	<b>NEG</b>	NEG	---
Sodium	ppm	ASTM D5185m		<b>2</b>	4	---
Boron	ppm	ASTM D5185m	187	<b>93</b>	80	---
Barium	ppm	ASTM D5185m	0.0	<b>&lt;1</b>	0	---
Molybdenum	ppm	ASTM D5185m	0.0	<b>0</b>	<1	---
Manganese	ppm	ASTM D5185m	0.0	<b>0</b>	2	---
Magnesium	ppm	ASTM D5185m	6.8	<b>4</b>	<1	---
Calcium	ppm	ASTM D5185m	215	<b>79</b>	76	---
Phosphorus	ppm	ASTM D5185m	445	<b>207</b>	176	---
Zinc	ppm	ASTM D5185m	56	<b>8</b>	0	---
Sulfur	ppm	ASTM D5185m	1336	<b>2323</b>	1646	---
Visc @ 40°C	cSt	ASTM D445	35.3	<b>34.0</b>	27.4	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513

**Sample No.** : VCP0008478

**Lab Number** : 06227991

**Unique Number** : 11111484

**Test Package** : CONST

**Received** : 03 Jul 2024

**Tested** : 05 Jul 2024

**Diagnosed** : 07 Jul 2024 - Don Baldrige

**ALTA EQUIPMENT COMPANY**

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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)