



# ASCENDUM

## OIL ANALYSIS REPORT

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



Machine Id  
**VOLVO A30G 752352**  
Component  
**Transmission (Auto)**  
Fluid  
**VOLVO AUTOMATIC TRANSMISSION FLUID AT102 (--- GAL)**

### RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		<b>ASC0004968</b>	VCP388260	---
Sample Date		Client Info		<b>03 May 2024</b>	14 Dec 2022	---
Machine Age	hrs	Client Info		<b>4000</b>	2042	---
Oil Age	hrs	Client Info		<b>2000</b>	0	---
Filter Age	hrs	Client Info		<b>1000</b>	0	---
Oil Changed		Client Info		<b>Changed</b>	Changed	---
Filter Changed		Client Info		<b>Changed</b>	Changed	---
Sample Status				<b>NORMAL</b>	NORMAL	---

### WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>100	<b>10</b>	55	---
Chromium	ppm	ASTM D5185m	>20	<b>0</b>	<1	---
Nickel	ppm	ASTM D5185m	>10	<b>0</b>	4	---
Titanium	ppm	ASTM D5185m		<b>0</b>	0	---
Silver	ppm	ASTM D5185m		<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>50	<b>&lt;1</b>	21	---
Lead	ppm	ASTM D5185m	>50	<b>&lt;1</b>	<1	---
Copper	ppm	ASTM D5185m	>300	<b>0</b>	33	---
Tin	ppm	ASTM D5185m	>50	<b>0</b>	5	---
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	---

### CONTAMINATION

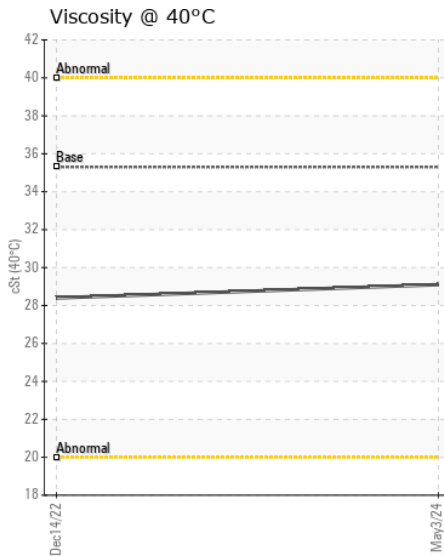
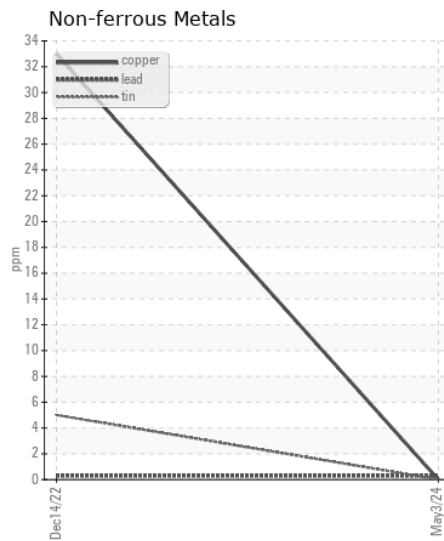
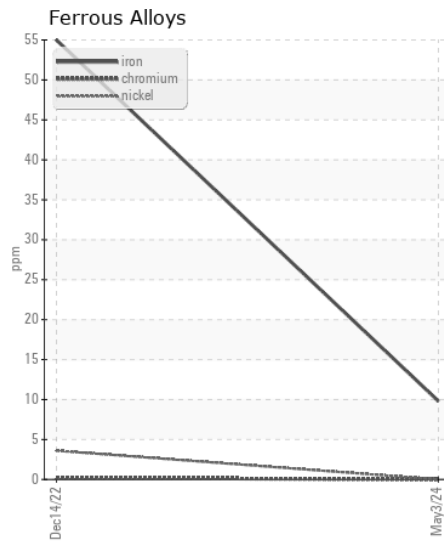
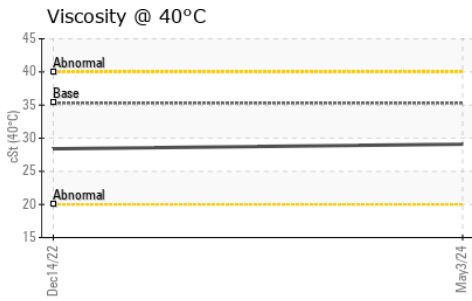
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>50	<b>4</b>	12	---
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	3	---
Water		WC Method	>0.2	<b>NEG</b>	NEG	---
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual	NONE	<b>NONE</b>	NONE	---
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	>0.2	<b>NEG</b>	NEG	---

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<b>1</b>	7	---
Boron	ppm	ASTM D5185m	187	<b>95</b>	73	---
Barium	ppm	ASTM D5185m	0.0	<b>0</b>	<1	---
Molybdenum	ppm	ASTM D5185m	0.0	<b>0</b>	<1	---
Manganese	ppm	ASTM D5185m	0.0	<b>&lt;1</b>	4	---
Magnesium	ppm	ASTM D5185m	6.8	<b>6</b>	1	---
Calcium	ppm	ASTM D5185m	215	<b>115</b>	71	---
Phosphorus	ppm	ASTM D5185m	445	<b>213</b>	182	---
Zinc	ppm	ASTM D5185m	56	<b>25</b>	8	---
Sulfur	ppm	ASTM D5185m	1336	<b>2300</b>	2123	---
Visc @ 40°C	cSt	ASTM D445	35.3	<b>29.1</b>	28.4	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : ASC0004968  
**Lab Number** : 06175955  
**Unique Number** : 11022008  
**Test Package** : CONST

**Received** : 10 May 2024  
**Tested** : 12 May 2024  
**Diagnosed** : 12 May 2024 - Wes Davis

**365 - ASCENDUM MACHINERY INC - SAVANNAH**  
 54 MEDLINE DR  
 RICHMOND HILL, GA  
 US 31324  
 Contact: JESSE WILSON  
 jesse.wilson@ascendummachinery.com

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)

F: (912)964-9515