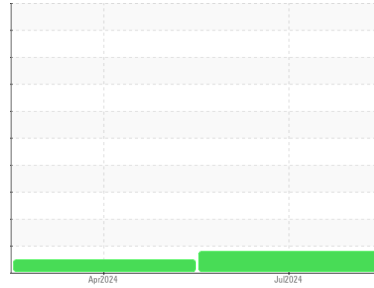


# OIL ANALYSIS REPORT

Sample Rating Trend



**SEDIMENT**



Machine Id  
**VOLVO A30G 340072**  
 Component  
**Transmission (Auto)**  
 Fluid  
**DEXRON III (--- GAL)**

**DIAGNOSIS**

**Recommendation**

No corrective action is recommended at this time. Resample at the next service interval to monitor.

**Wear**

All component wear rates are normal.

**Contamination**

There is a moderate amount of visible silt present in the sample.

**Fluid Condition**

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

**SAMPLE INFORMATION**

method	limit/base	current	history1	history2
Sample Number	Client Info	<b>ML0946577</b>	ML0000990	---
Sample Date	Client Info	<b>11 Jul 2024</b>	22 Apr 2024	---
Machine Age	hrs	<b>11600</b>	11356	---
Oil Age	hrs	<b>0</b>	11356	---
Oil Changed	Client Info	<b>N/A</b>	N/A	---
Sample Status		<b>ABNORMAL</b>	NORMAL	---

**CONTAMINATION**

method	limit/base	current	history1	history2
Water	WC Method >0.1	<b>NEG</b>	NEG	---

**WEAR METALS**

method	limit/base	current	history1	history2
Iron	ppm ASTM D5185m >160	<b>27</b>	21	---
Chromium	ppm ASTM D5185m >5	<b>&lt;1</b>	0	---
Nickel	ppm ASTM D5185m >5	<b>&lt;1</b>	<1	---
Titanium	ppm ASTM D5185m	<b>&lt;1</b>	0	---
Silver	ppm ASTM D5185m >5	<b>&lt;1</b>	0	---
Aluminum	ppm ASTM D5185m >50	<b>6</b>	5	---
Lead	ppm ASTM D5185m >50	<b>0</b>	0	---
Copper	ppm ASTM D5185m >225	<b>12</b>	6	---
Tin	ppm ASTM D5185m >10	<b>1</b>	1	---
Vanadium	ppm ASTM D5185m	<b>&lt;1</b>	0	---
Cadmium	ppm ASTM D5185m	<b>0</b>	0	---

**ADDITIVES**

method	limit/base	current	history1	history2
Boron	ppm ASTM D5185m	<b>110</b>	112	---
Barium	ppm ASTM D5185m	<b>&lt;1</b>	0	---
Molybdenum	ppm ASTM D5185m	<b>2</b>	0	---
Manganese	ppm ASTM D5185m	<b>0</b>	0	---
Magnesium	ppm ASTM D5185m	<b>9</b>	9	---
Calcium	ppm ASTM D5185m	<b>327</b>	226	---
Phosphorus	ppm ASTM D5185m	<b>377</b>	301	---
Zinc	ppm ASTM D5185m	<b>106</b>	63	---
Sulfur	ppm ASTM D5185m	<b>1529</b>	1412	---

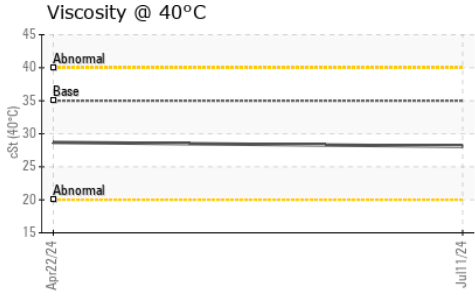
**CONTAMINANTS**

method	limit/base	current	history1	history2
Silicon	ppm ASTM D5185m >20	<b>4</b>	4	---
Sodium	ppm ASTM D5185m	<b>0</b>	2	---
Potassium	ppm ASTM D5185m >20	<b>2</b>	<1	---

**VISUAL**

method	limit/base	current	history1	history2
White Metal	scalar *Visual	NONE	NONE	---
Yellow Metal	scalar *Visual	NONE	NONE	---
Precipitate	scalar *Visual	NONE	NONE	---
Silt	scalar *Visual	<b>▲ MODER</b>	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	NEG	NEG	---
Free Water	scalar *Visual	NEG	NEG	---

# OIL ANALYSIS REPORT

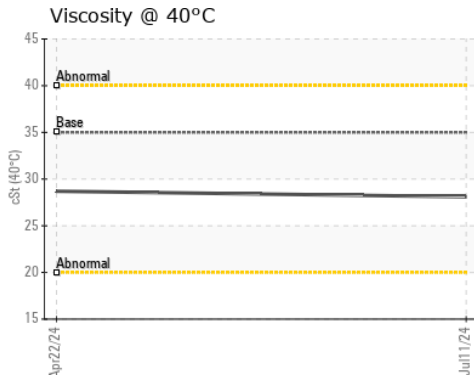
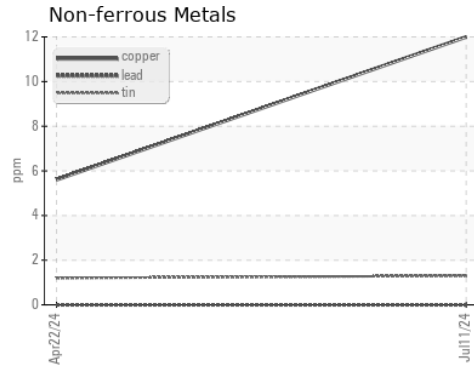
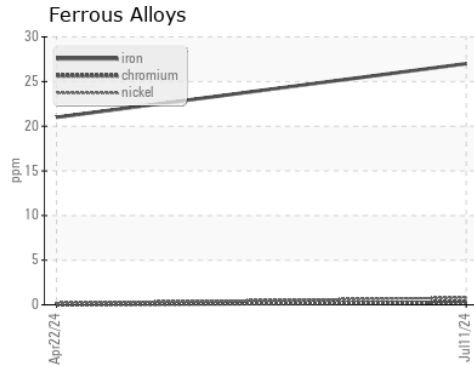


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	35.0	<b>28.1</b>	28.7	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
---------------	--------	------------	---------	----------	----------

Color				no image	no image	no image
Bottom				no image	no image	no image

## GRAPHS



**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : ML0946577      **Received** : 12 Jul 2024  
**Lab Number** : 06235298      **Tested** : 15 Jul 2024  
**Unique Number** : 11124132      **Diagnosed** : 15 Jul 2024 - Sean Felton  
**Test Package** : CONST

**WILLIAM HAZEL**  
 PO BOX 600  
 CHANTILLY, VA  
 US 20153  
 Contact: SERVICE MANAGER  
 jimmy\_elswick@wahazel.com  
 T: (703)378-8300  
 F:

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)