



# VOLVO

## OIL ANALYSIS REPORT

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



Area

**[G08870]**

Machine Id

**VOLVO A30G 740081**

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>VCP440217</b>	VCP435215	VCP192003
Sample Date		Client Info		<b>12 Jun 2024</b>	02 Aug 2023	23 Jun 2017
Machine Age	hrs	Client Info		<b>12002</b>	10546	2048
Oil Age	hrs	Client Info		<b>0</b>	0	1000
Filter Age	hrs	Client Info		<b>0</b>	0	0
Oil Changed		Client Info		<b>N/A</b>	N/A	Changed
Filter Changed		Client Info		<b>N/A</b>	N/A	Changed
Sample Status				<b>NORMAL</b>	NORMAL	NORMAL

### WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>160	<b>0</b>	41	52
Chromium	ppm	ASTM D5185m	>5	<b>0</b>	0	<1
Nickel	ppm	ASTM D5185m	>5	<b>&lt;1</b>	7	11
Titanium	ppm	ASTM D5185m		<b>0</b>	<1	0
Silver	ppm	ASTM D5185m	>5	<b>0</b>	0	0
Aluminum	ppm	ASTM D5185m	>50	<b>&lt;1</b>	14	26
Lead	ppm	ASTM D5185m	>50	<b>0</b>	0	0
Copper	ppm	ASTM D5185m	>225	<b>&lt;1</b>	40	65
Tin	ppm	ASTM D5185m	>10	<b>&lt;1</b>	4	8
Vanadium	ppm	ASTM D5185m		<b>0</b>	<1	0
White Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE

### CONTAMINATION

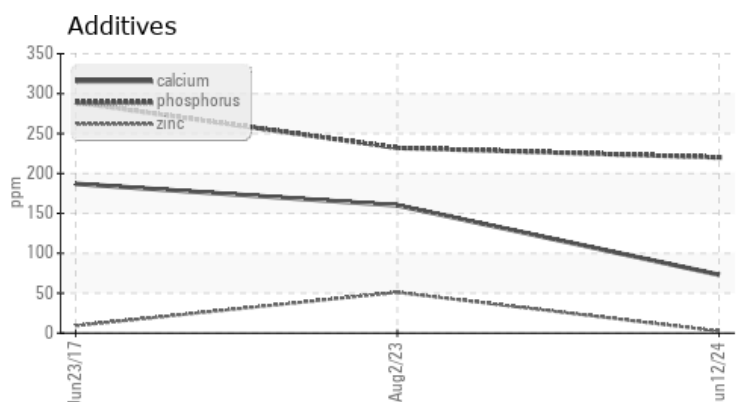
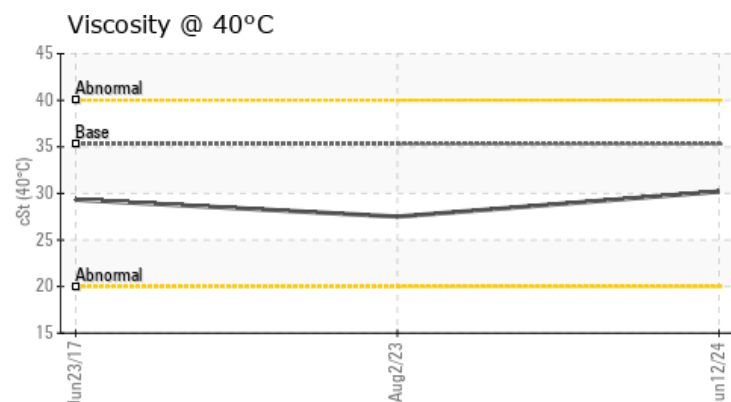
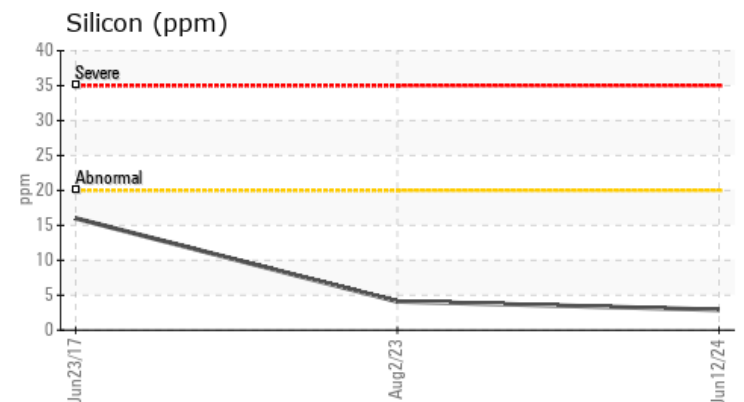
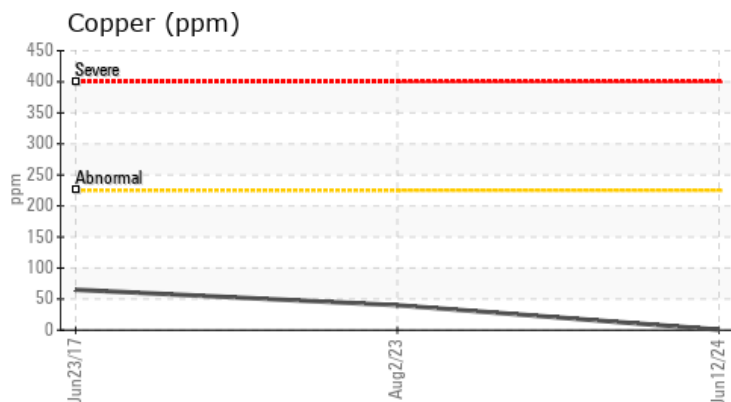
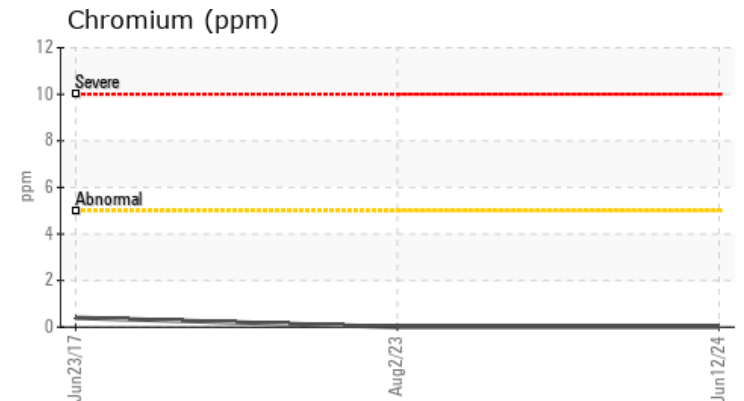
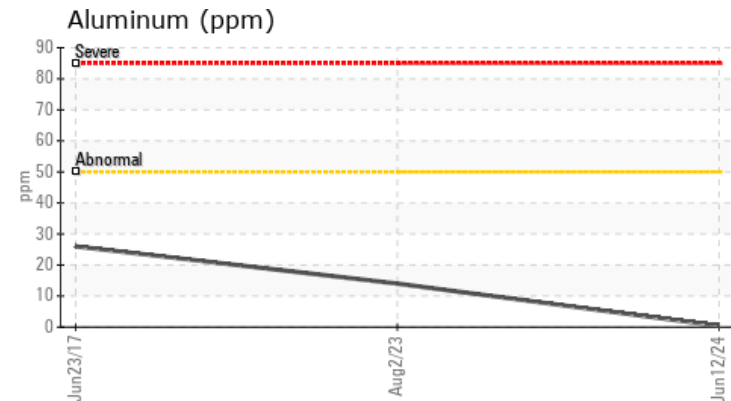
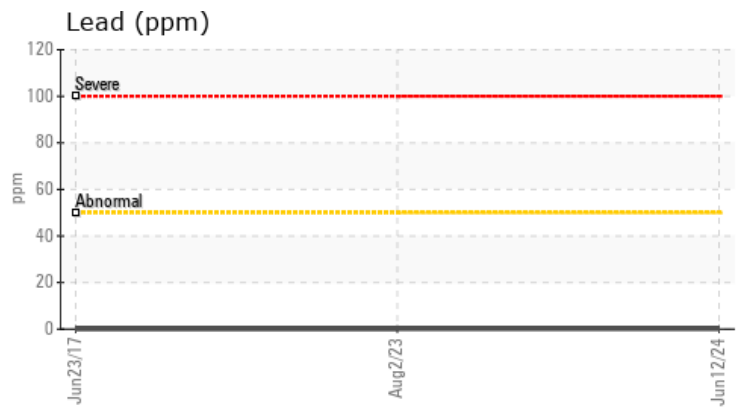
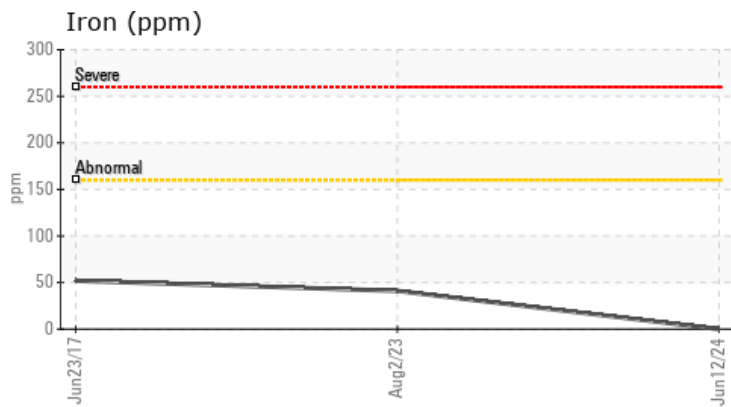
There is no indication of any contamination in the oil.

Silicon	ppm	ASTM D5185m	>20	<b>3</b>	4	16
Potassium	ppm	ASTM D5185m	>20	<b>3</b>	0	6
Water		WC Method	>0.1	<b>NEG</b>	NEG	NEG
Silt	scalar	*Visual	NONE	<b>NONE</b>	NONE	NONE
Debris	scalar	*Visual	NONE	<b>NONE</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

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<b>2</b>	6	8
Boron	ppm	ASTM D5185m	187	<b>90</b>	90	83
Barium	ppm	ASTM D5185m	0.0	<b>0</b>	0	2
Molybdenum	ppm	ASTM D5185m	0.0	<b>0</b>	3	0
Manganese	ppm	ASTM D5185m	0.0	<b>&lt;1</b>	<1	7
Magnesium	ppm	ASTM D5185m	6.8	<b>2</b>	35	2
Calcium	ppm	ASTM D5185m	215	<b>73</b>	160	187
Phosphorus	ppm	ASTM D5185m	445	<b>220</b>	232	289
Zinc	ppm	ASTM D5185m	56	<b>2</b>	51	9
Sulfur	ppm	ASTM D5185m	1336	<b>2143</b>	2227	1459



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : VCP440217  
**Lab Number** : 06212607  
**Unique Number** : 11085471  
**Test Package** : MOB 1

**Received** : 17 Jun 2024  
**Tested** : 19 Jun 2024  
**Diagnosed** : 19 Jun 2024 - Angela Borella

**OCEAN COUNTY LANDFILL**  
 PO BOX 207  
 BELLFORD, NJ  
 US 07718  
 Contact: SERVICE MANAGER

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)

T: (732)787-0226  
 F: (732)495-6225