



# VOLVO

## OIL ANALYSIS REPORT

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



Machine Id  
**VOLVO L60H 623294**

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>VCP432367</b>	VCP431759	---
Sample Date		Client Info		<b>14 Dec 2023</b>	11 Oct 2023	---
Machine Age	hrs	Client Info		<b>1736</b>	1079	---
Oil Age	hrs	Client Info		<b>0</b>	1079	---
Filter Age	hrs	Client Info		<b>0</b>	0	---
Oil Changed		Client Info		<b>Not Changd</b>	Not Changd	---
Filter Changed		Client Info		<b>Not Changd</b>	Not Changd	---
Sample Status				<b>MARGINAL</b>	NORMAL	---

### WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>160	<b>24</b>	106	---
Chromium	ppm	ASTM D5185m	>5	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185m	>5	<b>0</b>	<1	---
Titanium	ppm	ASTM D5185m		<b>0</b>	0	---
Silver	ppm	ASTM D5185m	>5	<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m	>50	<b>&lt;1</b>	<1	---
Lead	ppm	ASTM D5185m	>50	<b>13</b>	0	---
Copper	ppm	ASTM D5185m	>225	<b>1</b>	4	---
Tin	ppm	ASTM D5185m	>10	<b>3</b>	0	---
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

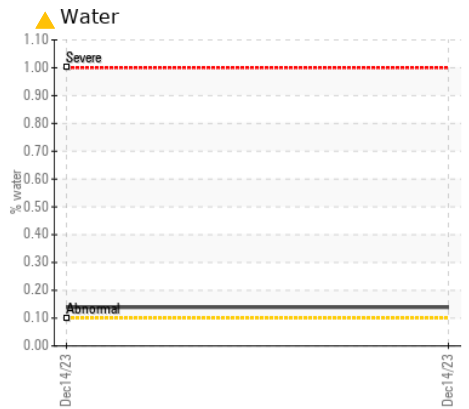
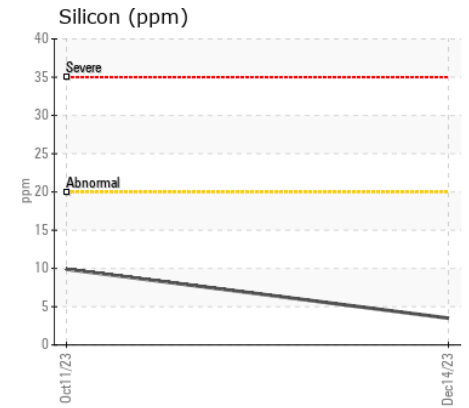
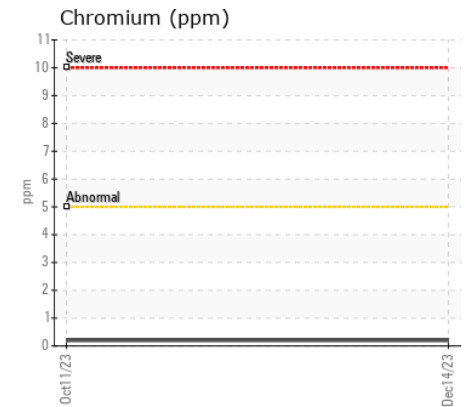
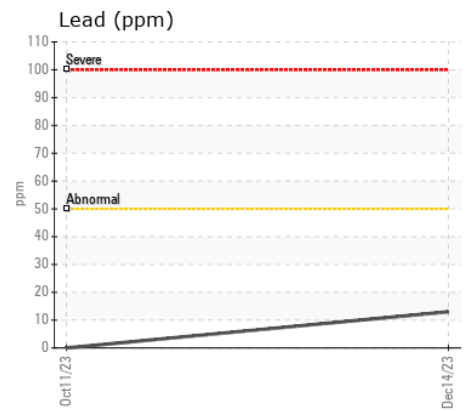
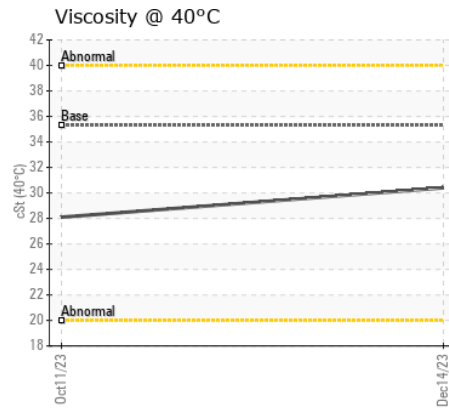
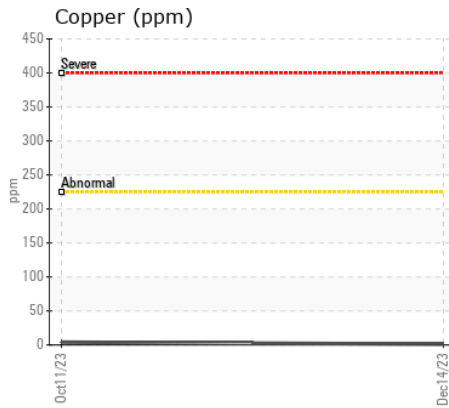
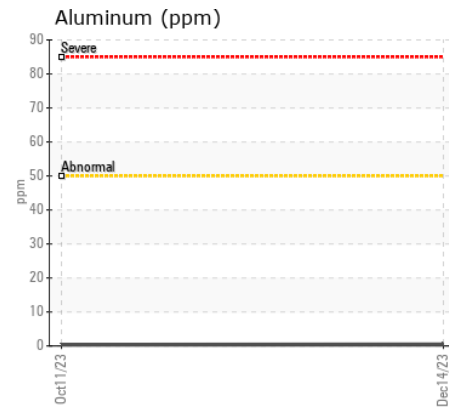
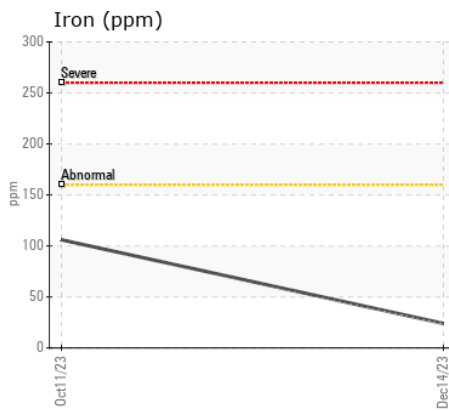
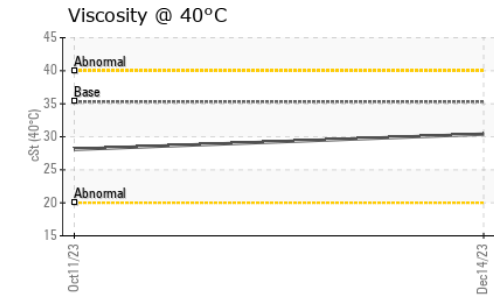
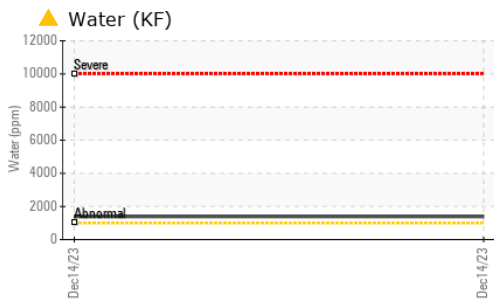
There is a light concentration of water present in the fluid.

Silicon	ppm	ASTM D5185m	>20	<b>4</b>	10	---
Potassium	ppm	ASTM D5185m	>20	<b>2</b>	2	---
Water	%	ASTM D6304	>0.1	<b>▲ 0.139</b>	---	---
ppm Water	ppm	ASTM D6304	>1000	<b>▲ 1390</b>	---	---
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	>0.1	<b>0.2%</b>	NEG	---

### FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		<b>2</b>	4	---
Boron	ppm	ASTM D5185m	187	<b>83</b>	71	---
Barium	ppm	ASTM D5185m	0.0	<b>&lt;1</b>	0	---
Molybdenum	ppm	ASTM D5185m	0.0	<b>0</b>	0	---
Manganese	ppm	ASTM D5185m	0.0	<b>5</b>	7	---
Magnesium	ppm	ASTM D5185m	6.8	<b>0</b>	0	---
Calcium	ppm	ASTM D5185m	215	<b>67</b>	74	---
Phosphorus	ppm	ASTM D5185m	445	<b>196</b>	134	---
Zinc	ppm	ASTM D5185m	56	<b>51</b>	15	---
Sulfur	ppm	ASTM D5185m	1336	<b>1786</b>	1762	---
Visc @ 40°C	cSt	ASTM D445	35.3	<b>30.4</b>	28.1	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : VCP432367 **Received** : 08 Feb 2024  
**Lab Number** : 06084003 **Tested** : 09 Feb 2024  
**Unique Number** : 10871448 **Diagnosed** : 11 Feb 2024 - Don Baldrige  
**Test Package** : MOB 1 ( Additional Tests: KF )

**RECYCLE AMERICA**  
 12100 YOUNG PINE RD  
 ORLANDO, FL  
 US 32829  
 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:  
F: