



# VOLVO

## OIL ANALYSIS REPORT

WEAR  
CONTAMINATION  
FLUID CONDITION

**SEVERE**

**SEVERE**

**NORMAL**



Area

**[A12465]**

Machine Id

**VOLVO A35G 352266**

Component

**Drop Box**

Fluid

**MOBIL GO 102 (--- GAL)**

### RECOMMENDATION

We advise that you check for the source of water entry. We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition.

### WEAR

The iron level is abnormal. The copper level is severe.

### CONTAMINATION

Appearance is milky. There is a high concentration of water present in the oil.

### FLUID CONDITION

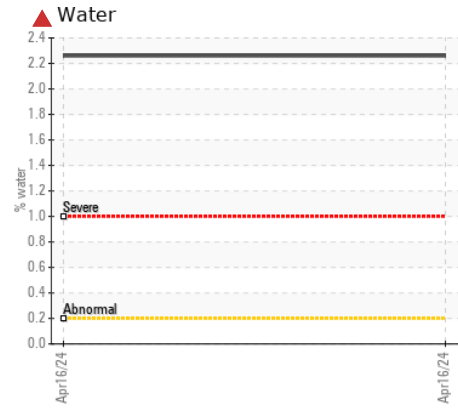
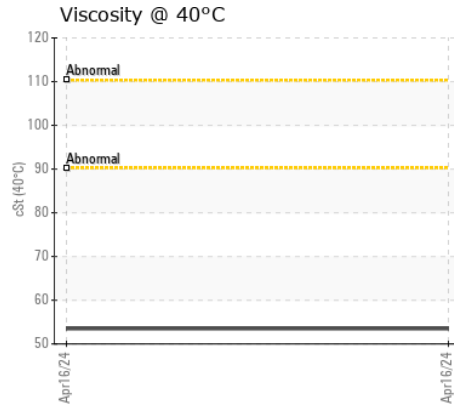
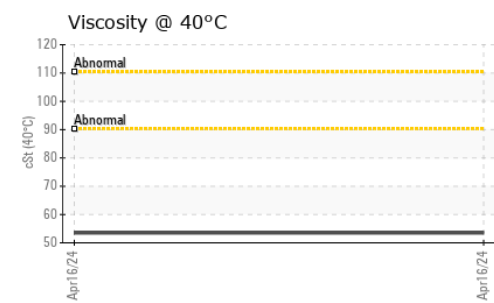
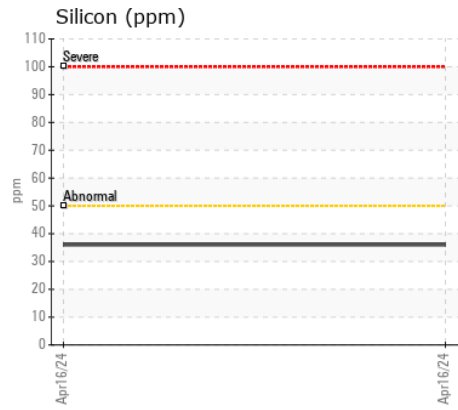
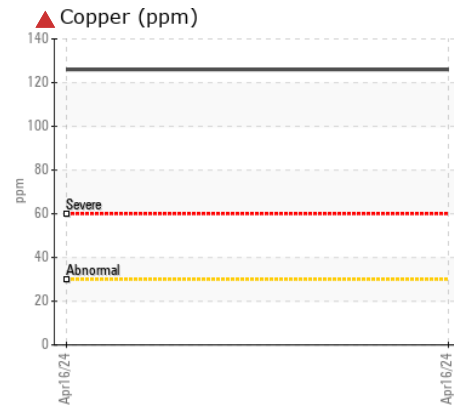
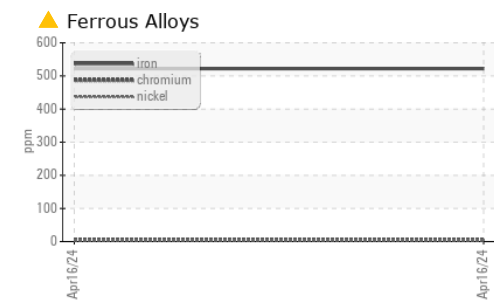
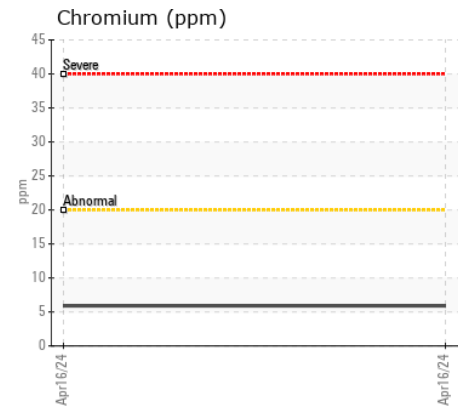
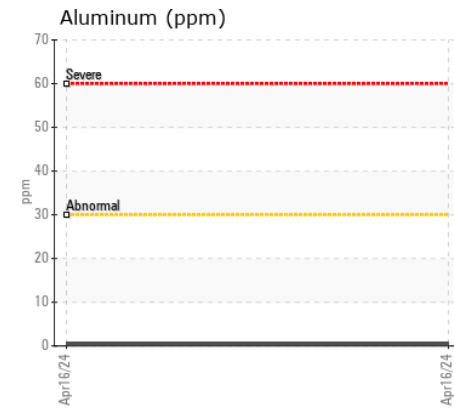
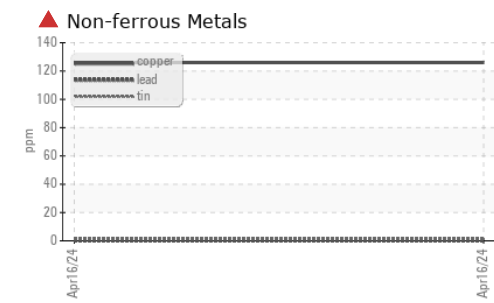
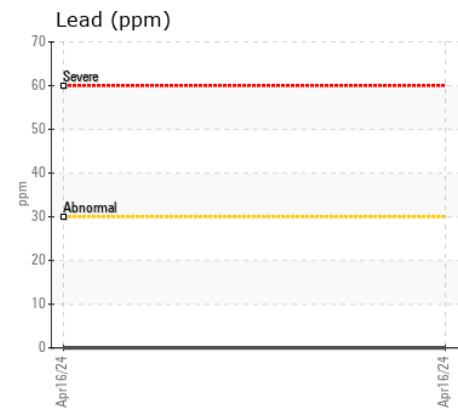
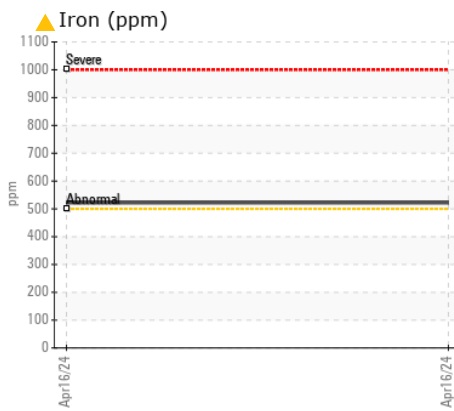
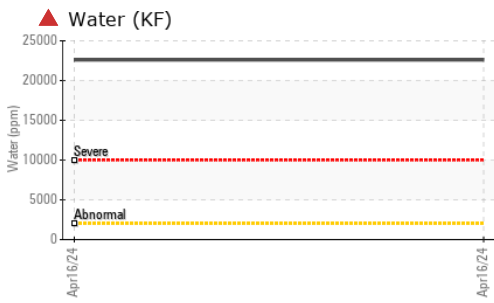
The oil is no longer serviceable due to the presence of contaminants.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP439378	---	---
Sample Date		Client Info		16 Apr 2024	---	---
Machine Age	hrs	Client Info		555	---	---
Oil Age	hrs	Client Info		555	---	---
Filter Age	hrs	Client Info		0	---	---
Oil Changed		Client Info		Not Changed	---	---
Filter Changed		Client Info		Not Changed	---	---
Sample Status				SEVERE	---	---

Iron	ppm	ASTM D5185m	>500	▲ 522	---	---
Chromium	ppm	ASTM D5185m	>20	6	---	---
Nickel	ppm	ASTM D5185m	>10	3	---	---
Titanium	ppm	ASTM D5185m		0	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>30	<1	---	---
Lead	ppm	ASTM D5185m	>30	0	---	---
Copper	ppm	ASTM D5185m	>30	▲ 126	---	---
Tin	ppm	ASTM D5185m	>20	1	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

Silicon	ppm	ASTM D5185m	>50	36	---	---
Potassium	ppm	ASTM D5185m	>20	16	---	---
Water	%	ASTM D6304	>0.2	▲ 2.26	---	---
ppm Water	ppm	ASTM D6304	>2000	▲ 22600	---	---
Silt	scalar	*Visual	NONE	MODER	---	---
Debris	scalar	*Visual	NONE	NONE	---	---
Sand/Dirt	scalar	*Visual	NONE	NONE	---	---
Appearance	scalar	*Visual	NORML	● MILKY	---	---
Odor	scalar	*Visual	NORML	NORML	---	---
Emulsified Water	scalar	*Visual	>0.2	▲ 0.2%	---	---

Sodium	ppm	ASTM D5185m		13	---	---
Boron	ppm	ASTM D5185m		172	---	---
Barium	ppm	ASTM D5185m		7	---	---
Molybdenum	ppm	ASTM D5185m		56	---	---
Manganese	ppm	ASTM D5185m		10	---	---
Magnesium	ppm	ASTM D5185m		12	---	---
Calcium	ppm	ASTM D5185m		61	---	---
Phosphorus	ppm	ASTM D5185m		2313	---	---
Zinc	ppm	ASTM D5185m		337	---	---
Sulfur	ppm	ASTM D5185m		30020	---	---
Visc @ 40°C	cSt	ASTM D445		53.5	---	---



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : VCP439378 **Received** : 22 Apr 2024  
**Lab Number** : 06156304 **Tested** : 24 Apr 2024  
**Unique Number** : 10991727 **Diagnosed** : 24 Apr 2024 - Sean Felton  
**Test Package** : MOB 1 ( Additional Tests: KF, PQ )

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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)