



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	SEVERE
FLUID CONDITION	NORMAL



Area
[2373-3 RENTAL]
Machine Id
VOLVO A25G 742344
Component
Transmission
Fluid
VOLVO AUTOMATIC TRANSMISSION FLUID AT102 (--- GAL)

RECOMMENDATION

We advise that you check for the source of water entry. Oil and filter change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

WEAR

All component wear rates are normal.

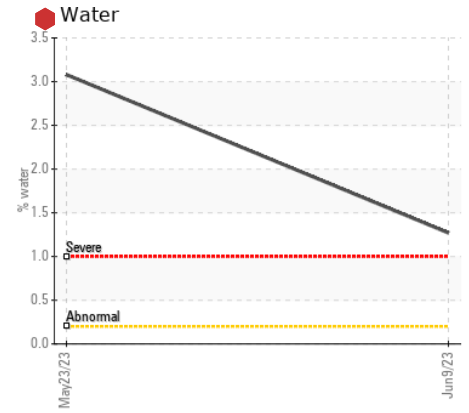
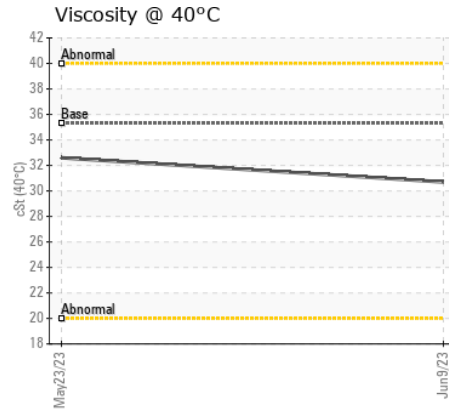
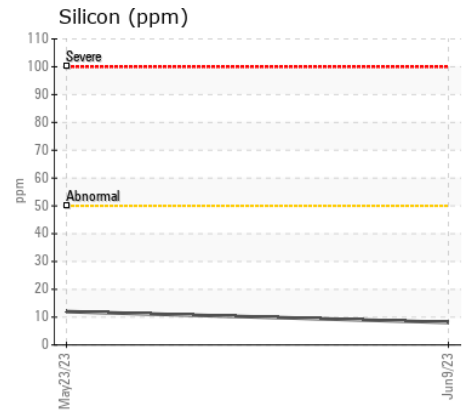
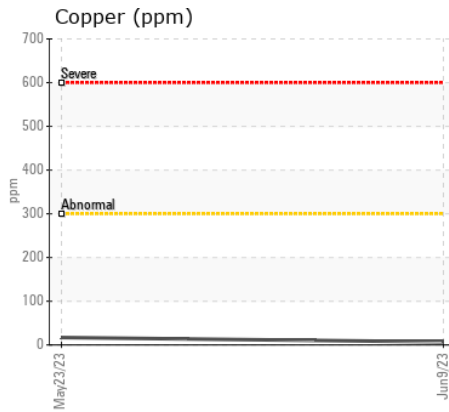
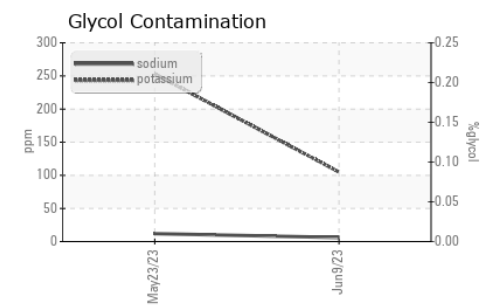
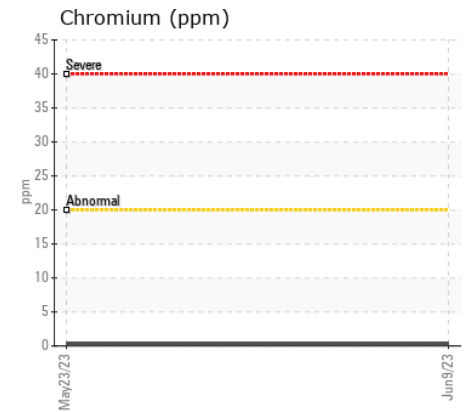
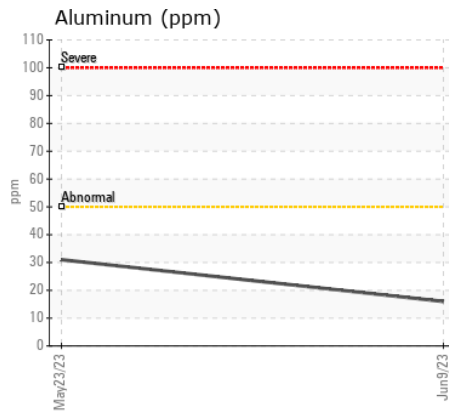
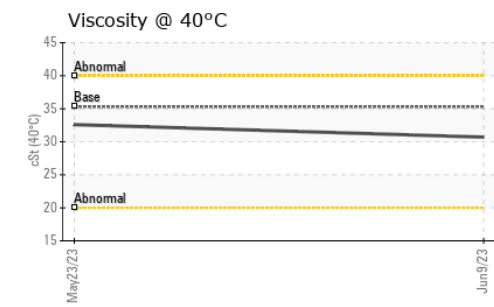
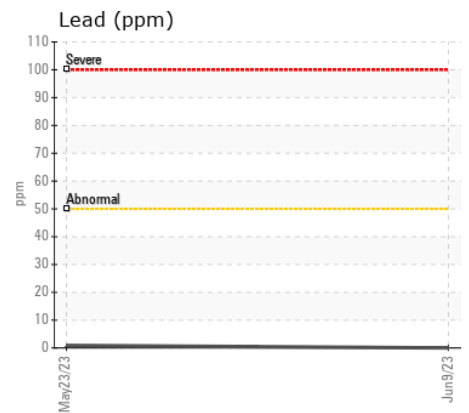
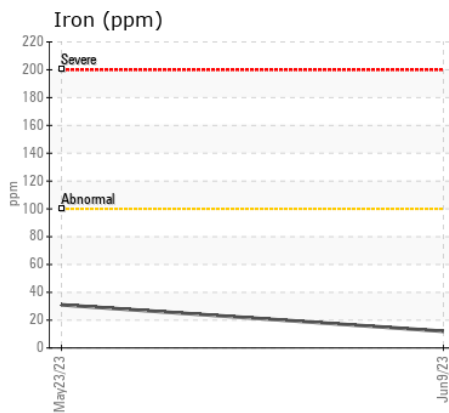
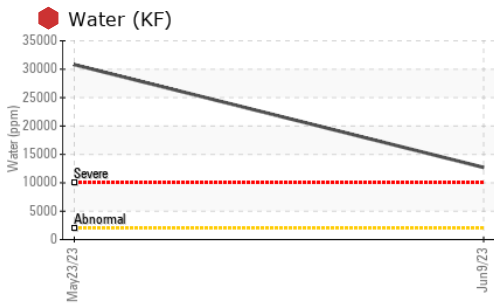
CONTAMINATION

Moderate concentration of visible dirt/debris present in the fluid. There is a high concentration of water present in the fluid.

FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP423556	VCP410896	---
Sample Date		Client Info		09 Jun 2023	23 May 2023	---
Machine Age	hrs	Client Info		4138	4137	---
Oil Age	hrs	Client Info		0	0	---
Filter Age	hrs	Client Info		0	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				SEVERE	SEVERE	---
<hr/>						
Iron	ppm	ASTM D5185m	>100	12	31	---
Chromium	ppm	ASTM D5185m	>20	<1	<1	---
Nickel	ppm	ASTM D5185m	>10	4	7	---
Titanium	ppm	ASTM D5185m		0	0	---
Silver	ppm	ASTM D5185m		0	0	---
Aluminum	ppm	ASTM D5185m	>50	16	31	---
Lead	ppm	ASTM D5185m	>50	0	<1	---
Copper	ppm	ASTM D5185m	>300	7	17	---
Tin	ppm	ASTM D5185m	>50	4	8	---
Vanadium	ppm	ASTM D5185m		0	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---
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Silicon	ppm	ASTM D5185m	>50	8	12	---
Potassium	ppm	ASTM D5185m	>20	105	253	---
Water	%	ASTM D6304	>0.2	1.27	3.08	---
ppm Water	ppm	ASTM D6304	>2000	12700	30800	---
Silt	scalar	*Visual	NONE	MODER	MODER	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	---
Appearance	scalar	*Visual	NORML	NORML	MILKY	---
Odor	scalar	*Visual	NORML	NORML	NORML	---
Emulsified Water	scalar	*Visual	>0.2	0.2%	0.2%	---
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Sodium	ppm	ASTM D5185m		6	12	---
Boron	ppm	ASTM D5185m	187	70	81	---
Barium	ppm	ASTM D5185m	0.0	0	0	---
Molybdenum	ppm	ASTM D5185m	0.0	<1	<1	---
Manganese	ppm	ASTM D5185m	0.0	2	4	---
Magnesium	ppm	ASTM D5185m	6.8	2	1	---
Calcium	ppm	ASTM D5185m	215	77	114	---
Phosphorus	ppm	ASTM D5185m	445	204	228	---
Zinc	ppm	ASTM D5185m	56	101	254	---
Sulfur	ppm	ASTM D5185m	1336	2393	2412	---
Visc @ 40°C	cSt	ASTM D445	35.3	30.7	32.6	---



Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VCP423556 **Received** : 16 Jun 2023
Lab Number : 05876046 **Tested** : 19 Jun 2023
Unique Number : 10521149 **Diagnosed** : 19 Jun 2023 - Don Baldrige
Test Package : MOB 1 (Additional Tests: Glycol, KF)

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Certificate L2367
 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)