

RECOMMENDATION

## Machine Id VOLVO A35G 340181

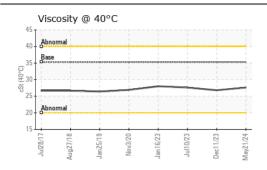
Transmission (Auto)

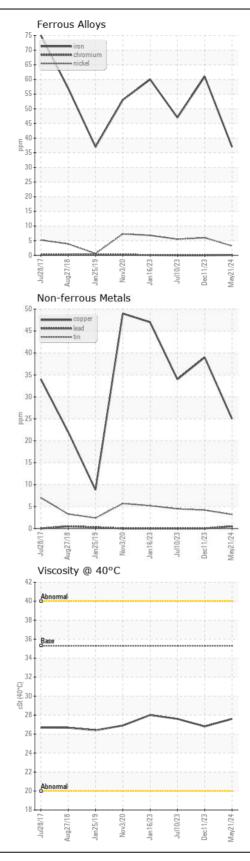
VOLVO AUTOMATIC TRANSMISSION FLUID AT102 (--- GAL)

	Test	000
Resample at the next service interval to monitor.	Sample Number	
	Sample Date	
	Machine Age	hrs
	Oil Age	hrs
	Filter Age	hrs
	Oil Changed	
	Filter Changed	
	Sample Status	
WEAR	Iron	
	Chromium	ppm
All component wear rates are normal.	Nickel	ppm ppm
	Titanium	ppm
	Silver	ppm
	Aluminum	ppm
	Lead	ppm
	Copper	ppm
	Tin	ppm
	Vanadium	ppm
	White Metal	scala
	Yellow Metal	scala
CONTAMINATION	Silicon	ppm
There is no indication of any contamination in the fluid.	Potassium	ppm
	Water	
	Silt	scal
	Debris	scal
	Sand/Dirt	scala
	Appearance	scal
	Odor	scala
	Emulsified Water	scal
FLUID CONDITION	Sodium	ppm
The condition of the fluid is acceptable for the time in service.	Boron	ppm
·	Barium	ppm
	Molybdenum	ppm
	Manganese	ppm
	Magnesium	ppm
	Calcium	ppm
	Phosphorus	mag

			/			
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ML0001843	VCP449138	VCP425044
Sample Date		Client Info		21 May 2024	11 Dec 2023	10 Jul 2023
Machine Age	hrs	Client Info		12006	11136	10225
Oil Age	hrs	Client Info		870	0	1000
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Not Change
Filter Changed		Client Info		Changed	Changed	Changed
Sample Status				NORMAL	NORMAL	ABNORMAL
Iron	ppm	ASTM D5185m	>160	37	61	47
Chromium	ppm	ASTM D5185m	>5	<1	0	0
Nickel	ppm	ASTM D5185m	>5	3	6	6
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m	>5	<1	0	0
Aluminum	ppm	ASTM D5185m	>50	16	24	23
Lead	ppm	ASTM D5185m	>50	<1	0	0
Copper	ppm	ASTM D5185m	>225	25	39	34
Tin	ppm	ASTM D5185m	>10	3	4	4
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	A HEAVY
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon	ppm	ASTM D5185m	>20	5	6	7
Potassium	ppm	ASTM D5185m	>20	3	0	5
Water		WC Method	>0.1	NEG		
Silt		WO WELLIOU	20.1	NEG	NEG	NEG
	scalar	*Visual	NONE	NONE	NEG NONE	NEG
Debris	scalar scalar			-		
Debris Sand/Dirt		*Visual	NONE	NONE	NONE	NONE
	scalar	*Visual *Visual	NONE NONE	NONE	NONE NONE	NONE NONE NONE
Sand/Dirt	scalar scalar	*Visual *Visual *Visual	NONE NONE NONE	NONE NONE NONE	NONE NONE NONE	NONE NONE NONE NORML
Sand/Dirt Appearance	scalar scalar scalar	*Visual *Visual *Visual *Visual	NONE NONE NORML	NONE NONE NORML	NONE NONE NORML	NONE NONE NONE NORML
Sand/Dirt Appearance Odor	scalar scalar scalar scalar	*Visual *Visual *Visual *Visual *Visual	NONE NONE NORML NORML	NONE NONE NORE NORML	NONE NONE NORML NORML	NONE NONE NORML NORML
Sand/Dirt Appearance Odor Emulsified Water	scalar scalar scalar scalar scalar	*Visual *Visual *Visual *Visual *Visual *Visual	NONE NONE NORML NORML	NONE NONE NORML NORML NEG	NONE NONE NORML NORML NEG	NONE NONE NONE NORML NORML NEG
Sand/Dirt Appearance Odor Emulsified Water Sodium	scalar scalar scalar scalar scalar ppm	*Visual *Visual *Visual *Visual *Visual *Visual	NONE NONE NORML NORML >0.1	NONE NONE NORML NORML NEG 5	NONE NONE NORML NORML NEG 6	NONE NONE NONE NORML NORML NEG
Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	scalar scalar scalar scalar scalar ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	NONE NONE NORML NORML >0.1 187	NONE NONE NORML NORML NEG 5 91	NONE NONE NORML NORML NEG 6 85	NONE NONE NORML NORML NEG 5 101
Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	scalar scalar scalar scalar scalar ppm ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	NONE NONE NORML NORML >0.1 187 0.0	NONE NONE NORML NORML NEG 5 91 0	NONE NONE NORML NORML NEG 6 85 0	NONE NONE NORMI NORMI NEG 5 101 0
Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	scalar scalar scalar scalar scalar ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	NONE NONE NORML NORML >0.1 187 0.0	NONE NONE NORML NORML NEG 5 91 0 0	NONE NONE NORML NORML NEG 6 85 0 0	NONE NONE NORML NORML NEG 5 101 0
Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	scalar scalar scalar scalar scalar ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORME NORML >0.1 187 0.0 0.0 0.0	NONE NONE NORML NORML NEG 5 91 0 0 2	NONE NONE NORML NEG 6 85 0 0 2	NONE NONE NORML NORML NEG 5 101 0 0 1
Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	scalar scalar scalar scalar ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NONE NORML NORML >0.1 187 0.0 0.0 0.0 6.8	NONE NONE NORML NORML NEG 5 91 0 0 <1 <1	NONE NONE NORML NEG 6 85 0 0 0 <1 0	NONE NONE NORMI NORMI NEG 5 101 0 0 1 1 0
Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	scalar scalar scalar scalar ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORML NORML >0.1 187 0.0 0.0 0.0 6.8 215	NONE NONE NORML NORML NEG 5 91 0 0 2 1 <1 <1 73	NONE   NORML   NORML   NORML   NEG   6   85   0   0   <1   0   80	NONE NONE NORML NORML NEG 5 101 0 0 1 0 1 0 86
Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORME NORML >0.1 187 0.0 0.0 0.0 6.8 215 445	NONE NONE NORML NORML NEG 5 91 0 0 <1 <1 <1 73 187	NONE NONE NORML NORML NEG 6 85 0 0 <1 0 <1 0 80 197	NONE NONE NORML NORML NEG 5 101 0 0 1 0 1 0 86 203

Submitted By: Service - Alex Anderson





MCCLUNG-LOGAN EQUIPMENT CO - RICHMOND 1345 MOUNTAIN ROAD GLEN ALLEN, VA : 31 May 2024 - Sean Felton US 23060 Contact: KYLE RATLIFFE KRATLIFFE@MCCLUNG-LOGAN.COM T: F: (804)266-1611



Unique Number : 11056605 Diagnosed Test Package : CONST 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)

Received

Tested

: 29 May 2024

: 30 May 2024

: WearCheck USA - 501 Madison Ave., Cary, NC 27513

Laboratory

Sample No.

Lab Number : 06194482

: ML0001843

Submitted By: Service - Alex Anderson Page 2 of 2