

Machine Id

VOLVO A25G 752045

Transmission (Auto)

VOLVO AUTOMATIC TRANSMISSION FLUID AT102 (--- GAL)

RECOMMENDATION

No corrective action is recommended at this time. Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

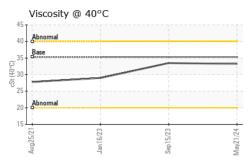
Moderate concentration of visible dirt/debris present in the fluid.

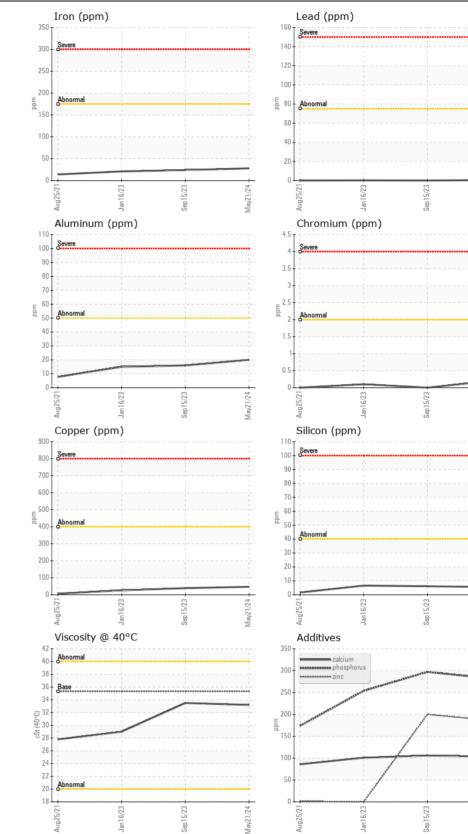
FLUID CONDITION

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

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Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP447764	VCP387381	VCP395921
Sample Date	In our	Client Info		21 May 2024	15 Sep 2023	16 Jan 2023
Machine Age	hrs	Client Info		4514	3862	2805
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0 Observed	0
Oil Changed		Client Info		Changed	Changed	Not Changd
Filter Changed		Client Info		Changed	Changed	Not Changd
Sample Status				ABNORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>175	28	24	21
Chromium	ppm	ASTM D5185m	>2	<1	0	<1
Nickel	ppm	ASTM D5185m	>5	6	6	4
Titanium	ppm	ASTM D5185m	>5	<1	0	0
Silver	ppm	ASTM D5185m	>2	<1	0	0
Aluminum	ppm	ASTM D5185m	>50	20	16	15
Lead	ppm	ASTM D5185m	>75	<1	0	<1
Copper	ppm	ASTM D5185m	>400	47	39	26
Tin	ppm	ASTM D5185m	>20	9	7	5
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE		NONE
i chow wotai	Scala	VISUAI	NONL	NONE	NONE	NONL
Silicon		ASTM D5185m	>40	6	6	7
	ppm					
Silicon		ASTM D5185m	>40	6	6	7
Silicon Potassium	ppm	ASTM D5185m ASTM D5185m	>40 >20	6 3	6 3	7 2
Silicon Potassium Water	ppm ppm	ASTM D5185m ASTM D5185m WC Method	>40 >20 >0.1	6 3 NEG	6 3 NEG	7 2 NEG
Silicon Potassium Water Silt	ppm ppm scalar	ASTM D5185m ASTM D5185m WC Method *Visual	>40 >20 >0.1 NONE	6 3 NEG NONE	6 3 NEG NONE	7 2 NEG NONE
Silicon Potassium Water Silt Debris	ppm ppm scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>40 >20 >0.1 NONE NONE	6 3 NEG NONE	6 3 NEG NONE NONE	7 2 NEG NONE NONE
Silicon Potassium Water Silt Debris Sand/Dirt	ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>40 >20 >0.1 NONE NONE NONE	6 3 NEG NONE MODER NONE	6 3 NEG NONE NONE NONE	7 2 NEG NONE NONE
Silicon Potassium Water Silt Debris Sand/Dirt Appearance	ppm ppm scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>40 >20 >0.1 NONE NONE NONE NORML	6 3 NEG NONE MODER NONE NORML	6 3 NEG NONE NONE NONE NORML	7 2 NEG NONE NONE NONE NORML
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor	ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual	 >40 >20 >0.1 NONE NONE NORML NORML 	6 3 NEG NONE MODER NORE NORML NORML	6 3 NEG NONE NONE NONE NORML NORML	7 2 NEG NONE NONE NONE NORML NORML
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual	 >40 >20 >0.1 NONE NONE NORML NORML 	6 3 NEG NONE MODER NONE NORML NEG	6 3 NEG NONE NONE NORML NORML NEG	7 2 NEG NONE NONE NORML NORML NEG
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>40 >20 >0.1 NONE NONE NORML NORML >0.1	6 3 NEG NONE MODER NORE NORML NORML NEG 5	6 3 NEG NONE NONE NORML NORML NEG 4	7 2 NEG NONE NONE NORML NORML NEG 4
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm ppm scalar scalar scalar scalar scalar scalar gpm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>40 >20 >0.1 NONE NONE NORML NORML >0.1	6 3 NEG NONE NONE NORML NORML NEG 5 39	6 3 NEG NONE NONE NORML NORML NEG 4	7 2 NEG NONE NONE NORML NORML NEG 4 92
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>40 >20 >0.1 NONE NONE NORML NORML >0.1	6 3 NEG NONE MODER NORML NORML NORML NEG 5 39 <1	6 3 NEG NONE NONE NONE NORML NORML NEG 4 48	7 2 NEG NONE NONE NORML NORML NEG 4 92 0
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	 >40 >20 >0.1 NONE NORML >0.1 187 0.0 0.0 	6 3 NEG NONE MODER NORML NORML NEG 5 39 <1 <1	6 3 NEG NONE NONE NORML NORML NEG 4 48 0 <1	7 2 NEG NONE NONE NORML NORML NEG 4 92 0 <1
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	 >40 >20 >0.1 NONE NORME NORML >0.1 187 0.0 0.0 0.0 0.0 	6 3 NEG NONE NONE NORML NORML NEG 5 39 <1 <1 <1 2	6 3 NEG NONE NONE NORML NORML NEG 4 48 0 <1 1	7 2 NEG NONE NONE NORML NORML NEG 4 92 0 <1 2
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	 >40 >20 >0.1 NONE NONE NORML NORML >0.1 187 0.0 0.0 0.0 6.8 	6 3 NEG NONE NONE NORML NORML NEG 5 39 <1 <1 <1 2 3	6 3 NEG NONE NONE NORML NORML NEG 4 48 0 <1 1 1	7 2 NEG NONE NONE NORML NORML NEG 4 92 0
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	 >40 >20 >0.1 NONE NONE NORML NORML >0.1 0.0 0.0 0.0 6.8 215 	6 3 NEG NONE MODER NORML NORML NORML S 39 <1 <1 <1 2 3 3 103	6 3 NEG NONE NONE NORML NORML NEG 4 48 0 <1 1 1 4 106	7 2 NEG NONE NONE NORML NORML NEG 4 92 0 <1 2 (1 2 (1 101
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Molybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	 >40 >20 >0.1 NONE NORME NORML >0.1 0.0 0.0 0.0 6.8 215 445 	6 3 NEG NONE NONE NORML NORML NEG 5 39 <1 2 3 (103 282	6 3 NEG NONE NONE NORML NORML NEG 4 48 0 <1 1 1 4 106 297	7 2 NEG NONE NONE NORML NORML NEG 4 92 0 4 92 0 2 2 2 2 1 2 2 101 2 254

Contact/Location: TODD LARK - VOLVO0090







ALTA EQUIPMENT COMPANY Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. : VCP447764 Received 5151 DR MARTIN LUTHER KING BLVD : 29 May 2024 Lab Number : 06194491 FORT MYERS, FL Tested : 30 May 2024 Unique Number : 11056614 : 31 May 2024 - Sean Felton US 33905 Diagnosed Test Package : MOB 1 Contact: TODD LARK Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. tlark@altaequipfl.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (239)481-3302

Contact/Location: TODD LARK - VOLVO0090 Page 2 of 2

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