

Wachine Id VOLVO A45G 353449 Component Transmission Fluid {not provided} (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

WEAR

All component wear rates are normal.

CONTAMINATION

There is no indication of any contamination in the fluid.

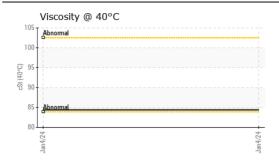
FLUID CONDITION

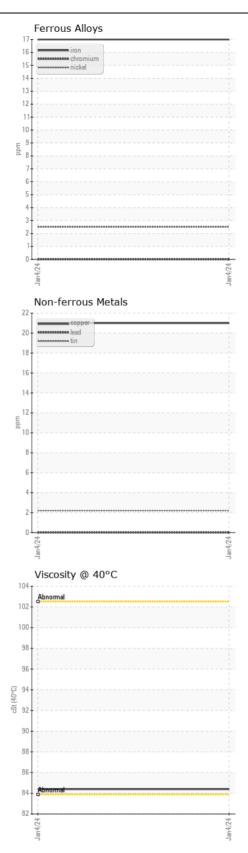
The condition of the fluid is acceptable for the time in service.

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Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ASC0006323		
Sample Date		Client Info		04 Jan 2024		
Machine Age	hrs	Client Info		1406		
Oil Age	hrs	Client Info		1406		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Filter Changed		Client Info		N/A		
Sample Status			NORMAL			
			100	47		
Iron	ppm	ASTM D5185m	>100	17		
Chromium	ppm	ASTM D5185m	>20	0		
Nickel	ppm	ASTM D5185m	>10	2		
Titanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	50	0		
Aluminum	ppm	ASTM D5185m	>50	6		
Lead	ppm	ASTM D5185m	>50	0		
Copper	ppm	ASTM D5185m	>300	21		
Tin	ppm	ASTM D5185m	>50	2		
Vanadium	ppm	ASTM D5185m		0		
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Silicon	ppm	ASTM D5185m	>50	17		
Silicon Potassium	ppm ppm	ASTM D5185m ASTM D5185m	>50 >20	17 <1		
Potassium		ASTM D5185m	>20	<1		
Potassium Water	ppm	ASTM D5185m WC Method	>20 >0.2	<1 NEG	 	
Potassium Water Silt	ppm scalar	ASTM D5185m WC Method *Visual	>20 >0.2 NONE	<1 NEG NONE		
Potassium Water Silt Debris	ppm scalar scalar	ASTM D5185m WC Method *Visual *Visual	>20 >0.2 NONE NONE	<1 NEG NONE LIGHT		
Potassium Water Silt Debris Sand/Dirt	ppm scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual	>20 >0.2 NONE NONE NONE	<1 NEG NONE LIGHT NONE		
Potassium Water Silt Debris Sand/Dirt Appearance	ppm scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual	>20 >0.2 NONE NONE NONE NORML	<1 NEG NONE LIGHT NONE NORML		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>20 >0.2 NONE NONE NORML NORML	<1 NEG NONE LIGHT NONE NORML NORML NEG	 	
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >0.2 NONE NONE NORML NORML	<1 NEG NONE LIGHT NORML NORML NEG 4		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >0.2 NONE NONE NORML NORML	<1 NEG NONE LIGHT NORML NORML NEG 4 80		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm scalar scalar scalar scalar scalar scalar ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>20 >0.2 NONE NONE NORML NORML	<1 NEG NONE LIGHT NORML NORML NEG 4 80 0		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.2 NONE NONE NORML NORML	<1 NEG NONE LIGHT NORML NORML NEG 4 80 0 0		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.2 NONE NONE NORML NORML	<1 NEG NONE LIGHT NORML NORML NEG 4 80 0 0 0 2		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.2 NONE NONE NORML NORML	<1 NEG NONE LIGHT NORML NORML NEG 4 80 0 0 0 <1 <1		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.2 NONE NONE NORML NORML	<1 NEG NONE LIGHT NORML NORML NEG 4 80 0 0 0 <1 <1 <1 72		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Malybdenum Manganese Magnesium Calcium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.2 NONE NONE NORML NORML	<1 NEG NONE LIGHT NORML NORML NEG 4 80 0 4 80 0 (1 <1 <1 72 202		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.2 NONE NONE NORML NORML	<1 NEG NONE LIGHT NORML NORML NEG 4 80 0 4 80 0 0 <1 <1 72 202 0		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Molybdenum Manganese Magnesium Calcium	ppm scalar scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.2 NONE NONE NORML NORML	<1 NEG NONE LIGHT NORML NORML NEG 4 80 0 4 80 0 (1 <1 <1 72 202		

Report Id: VOLVO8769 [WUSCAR] 06058495 (Generated: 01/12/2024 13:34:43) Rev: 1

Submitted By: HUNTER DOLIVE





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

Diagnostician : Wes Davis

: 11 Jan 2024

: 12 Jan 2024

Recieved

Diagnosed

117 - ASCENDUM MACHINERY INC - GREENVILLE 2002 N GREENE ST GREENVILLE, NC US 27834 Contact: HUNTER DOLIVE hunter.dolive@ascendummachinery.com T: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (704)494-8197



Report Id: VOLVO8769 [WUSCAR] 06058495 (Generated: 01/12/2024 13:34:44) Rev: 1

Certificate L2367

Laboratory

Sample No.

Lab Number

Unique Number : 10829877

Test Package : CONST

: ASC0006323

: 06058495

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.

Submitted By: HUNTER DOLIVE

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