

[HER RENTALS] Machine Id VOLVO L110H 632557 Component Transmission (Auto) Fluid

VOLVO AUTOMATIC TRANSMISSION FLUID AT102 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

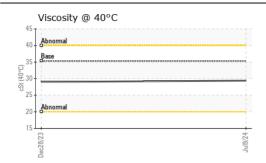
There is no indication of any contamination in the fluid.

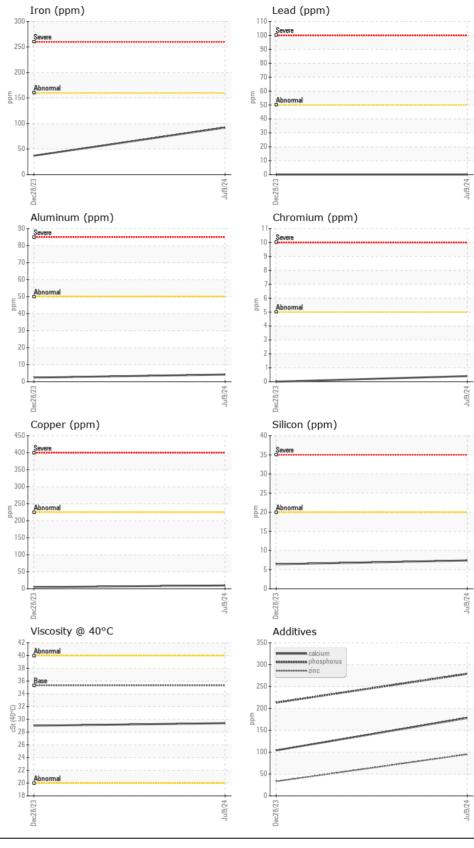
FLUID CONDITION

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

Toot		Mathad	Limit/Alan	Cummont	Lliotom	Lliotom ()
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP444379	VCP432218	
Sample Date		Client Info		09 Jul 2024	28 Dec 2023	
Machine Age	hrs	Client Info		2420	1206	
Oil Age	hrs	Client Info		0	0	
Filter Age	hrs	Client Info		0	0	
Oil Changed		Client Info		Not Changd	N/A	
Filter Changed		Client Info		Not Changd	N/A	
Sample Status				NORMAL	ATTENTION	
Iron	ppm	ASTM D5185m	>160	92	37	
Chromium	ppm	ASTM D5185m	>5	<1	0	
Nickel		ASTM D5185m	>5	<1	0	
Titanium	ppm	ASTM D5185m	>0		-	
Silver	ppm	ASTM D5185m	>5	<1 <1	0	
Aluminum	ppm	ASTM D5185m	-	4	2	
	ppm		>50			
Lead	ppm	ASTM D5185m	>50	0	0	
Copper	ppm	ASTM D5185m	>225	10	5	
Tin	ppm	ASTM D5185m	>10	<1	0	
Vanadium	ppm	ASTM D5185m		<1	0	
White Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal	coalar	*\/\culol				
	scalar	*Visual	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185m	>20	7	6	
Silicon	ppm	ASTM D5185m	>20	7	6	
Silicon Potassium	ppm	ASTM D5185m ASTM D5185m	>20 >20	7 2	6 <1	
Silicon Potassium Water	ppm ppm	ASTM D5185m ASTM D5185m WC Method	>20 >20 >0.1	7 2 NEG	6 <1 NEG	
Silicon Potassium Water Silt	ppm ppm scalar	ASTM D5185m ASTM D5185m WC Method *Visual	>20 >20 >0.1 NONE	7 2 NEG NONE	6 <1 NEG NONE	
Silicon Potassium Water Silt Debris	ppm ppm scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>20 >20 >0.1 NONE NONE	7 2 NEG NONE NONE	6 <1 NEG NONE NONE	
Silicon Potassium Water Silt Debris Sand/Dirt	ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual	>20 >20 >0.1 NONE NONE NONE	7 2 NEG NONE NONE NONE	6 <1 NEG NONE 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	>20 >20 >0.1 NONE NONE NONE NORML	7 2 NEG NONE NONE NONE NORML	6 <1 NEG NONE NONE NONE 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 *Visual	>20 >20 >0.1 NONE NONE NONE NORML	7 2 NEG NONE NONE NORE NORML NEG	6 <1 NEG NONE 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	>20 >20 >0.1 NONE NONE NORML NORML >0.1	7 2 NEG NONE NONE NORML NORML NEG 0	6 <1 NEG NONE NONE NORML NORML NEG 3	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm ppm scalar scalar scalar scalar scalar scalar gppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >20 >0.1 NONE NORME NORML >0.1	7 2 NEG NONE NONE NORML NORML NEG 0 84	6 <1 NEG NONE NONE NORML NORML NEG 3 85	
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	>20 >20 >0.1 NONE NONE NORML NORML >0.1	7 2 NEG NONE NONE NORML NORML NEG 0 84 2	6 <1 NEG NONE NONE NORML NORML NEG 3 85 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	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20 >0.1 NONE NORML NORML >0.1	7 2 NEG NONE NONE NORML NORML NEG 0 84 2 4	6 <1 NEG NONE NONE NORML NORML NEG 3 85 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 ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20 >0.1 NONE NORME NORML >0.1 187 0.0 0.0	7 2 NEG NONE NONE NORML NORML NEG 0 84 2 4 3	6 <1 NEG NONE NONE NORML NORML NEG 3 85 0 1 3	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20 >0.1 NONE NONE NORML >0.1 187 0.0 0.0 0.0 6.8	7 2 NEG NONE NONE NORML NORML NEG 0 84 2 4 3 3 37	6 <1 NEG NONE NONE NORML NORML NEG 3 85 0 1 3 3 14	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium 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	>20 >20 >0.1 NONE NONE NORML NORML >0.1 187 0.0 0.0 0.0 0.0 6.8 215	7 2 NEG NONE NONE NORML NORML NEG 0 84 2 4 3 37 178	6 <1 NEG NONE NONE NORML NORML NEG 3 85 0 1 3 3 14 3 104	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Malybdenum 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	>20 >20 >0.1 NONE NONE NORML >0.1 187 0.0 0.0 0.0 6.8 215 445	7 2 NEG NONE NONE NORML NORML NEG 0 84 2 4 3 37 178 279	6 <1 NEG NONE NONE NORML NORML NEG 3 85 0 1 3 85 0 1 3 14 3 14	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	ppm ppm scalar scalar scalar scalar scalar ppm 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 ASTM D5185m	>20 >20 >0.1 NONE NONE NORML >0.1 187 0.0 0.0 0.0 6.8 215 445 56	7 2 NEG NONE NONE NORML NORML NEG 0 84 2 4 3 37 178 279 95	6 <1 NEG NONE NONE NORML NORML NEG 3 85 0 1 3 14 104 213 33	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Malybdenum 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	>20 >20 >0.1 NONE NONE NORML >0.1 187 0.0 0.0 0.0 6.8 215 445	7 2 NEG NONE NONE NORML NORML NEG 0 84 2 4 3 37 178 279	6 <1 NEG NONE NONE NORML NORML NEG 3 85 0 1 3 85 0 1 3 14 3 14	

Contact/Location: KENNY HANEY - VOLVO0093





ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. Received 8418 PALM RIVER ROAD : VCP444379 : 12 Jul 2024 Lab Number : 06235296 Tested TAMPA, FL : 15 Jul 2024 Diagnosed Unique Number : 11124130 : 15 Jul 2024 - Wes Davis US 33619 Test Package : MOB 1 Contact: KENNY HANEY Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. khaney@flaglerce.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (813)630-0077 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (813)630-2233

Contact/Location: KENNY HANEY - VOLVO0093 Page 2 of 2