

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

Machine Id VOLVO A45G 13418 (S/N 752224) Component Transmission (Auto) Fluid DEXRON III (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

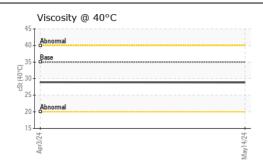
There is no indication of any contamination in the fluid.

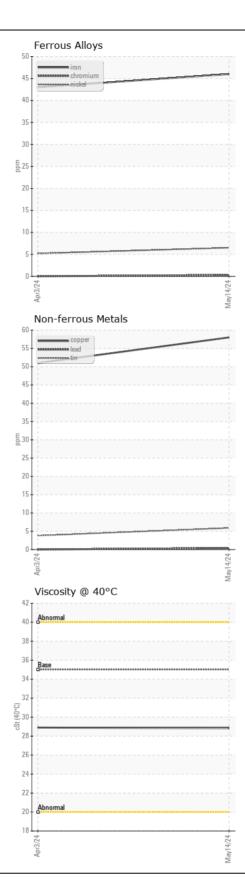
FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ASC0010234	ASC0002546	
Sample Date		Client Info		14 May 2024	03 Apr 2024	
Machine Age	hrs	Client Info		2034	750	
Oil Age	hrs	Client Info		2034	750	
Filter Age	hrs	Client Info		0	0	
Oil Changed		Client Info		N/A	N/A	
Filter Changed		Client Info		N/A	N/A	
Sample Status				NORMAL	NORMAL	
			100	40	40	
Iron	ppm	ASTM D5185m	>160	46	43	
Chromium	ppm	ASTM D5185m	>5	<1	0	
Nickel	ppm	ASTM D5185m	>5	6	5	
Titanium	ppm	ASTM D5185m	-	<1	0	
Silver	ppm	ASTM D5185m	>5	<1	0	
Aluminum	ppm	ASTM D5185m	>50	25	20	
Lead	ppm	ASTM D5185m	>50	<1	0	
Copper	ppm	ASTM D5185m	>225	58	51	
Tin	ppm	ASTM D5185m	>10	6	4	
Vanadium	ppm	ASTM D5185m		<1	0	
White Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon		*Visual ASTM D5185m	NONE	NONE	NONE 14	
	scalar ppm ppm					
Silicon	ppm	ASTM D5185m	>20	12	14	
Silicon Potassium	ppm	ASTM D5185m ASTM D5185m	>20 >20	12 3	14 <1	
Silicon Potassium Water	ppm ppm	ASTM D5185m ASTM D5185m WC Method	>20 >20 >20 >0.1	12 3 NEG	14 <1 NEG	
Silicon Potassium Water Silt	ppm ppm scalar	ASTM D5185m ASTM D5185m WC Method *Visual	>20 >20 >0.1 NONE	12 3 NEG NONE	14 <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	12 3 NEG NONE NONE	14 <1 NEG NONE NONE	
Silicon Potassium Water Silt Debris Sand/Dirt	ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>20 >20 >0.1 NONE NONE NONE	12 3 NEG NONE NONE NONE	14 <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	12 3 NEG NONE NONE NONE NORML	14 <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 NORML NORML	12 3 NEG NONE NONE NORE NORML NEG	14 <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	12 3 NEG NONE NONE NORML NORML NEG 8	14 <1 NEG NONE NONE NORML NORML NEG 5	
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 NONE NORML NORML	12 3 NEG NONE NONE NORML NORML NEG 8 76	14 <1 NEG NONE NONE NORML NORML NEG 5 81	
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	12 3 NEG NONE NONE NORML NORML NEG 8 76 <1	14 <1 NEG NONE NONE NORML NORML NEG 5 81 <1	
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 NONE NORML NORML	12 3 NEG NONE NONE NORML NORML NEG 8 76 <1 <1	14 <1 NEG NONE NONE NORML NORML NEG 5 81 <1 0	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm ppm scalar scalar scalar scalar scalar gpm 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 NORML	12 3 NEG NONE NONE NORML NORML NEG 8 76 <1 <1 <1 3	14 <1 NEG NONE NONE NORML NORML NEG 5 81 <1 0 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 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	12 3 NEG NONE NONE NORML NORML NEG 8 76 <1 <1 <1 3 3 3	14 <1 NEG NONE NONE NORML NORML NEG 5 81 <1 0 3 <1	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum 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	>20 >20 >0.1 NONE NONE NORML NORML	12 3 NEG NONE NONE NORML NORML NEG 8 76 <1 <1 <1 3 3 3 84	14 <1 NEG NONE NONE NORML NORML NEG 5 81 <1 0 3 <1 75	
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 *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20 >0.1 NONE NONE NORML NORML	12 3 NEG NONE NONE NORML NORML NEG 8 76 <1 <1 3 3 3 84 198	14 <1 NEG NONE NONE NORML NORML NEG 5 81 <1 0 3 <1 75 194	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus Zinc	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 ASTM D5185m	>20 >20 >0.1 NONE NONE NORML NORML	12 3 NEG NONE NONE NORML NORML NEG 8 76 <1 <1 <1 3 3 3 84 198 11	14 <1 NEG NONE NONE NORML NORML NEG 5 81 <1 0 3 <1 0 3 <1 75 194 2	
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 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 NORML	12 3 NEG NONE NONE NORML NORML NEG 8 76 <1 <1 3 3 3 84 198	14 <1 NEG NONE NONE NORML NORML NEG 5 81 <1 0 3 <1 75 194	

Submitted By: Service - Brandon Lewis





Sample No. : ASC0010234 Received : 29 May 2024 2002 N GREENE ST Lab Number : 06194513 Tested : 03 Jun 2024 GREENVILLE, NC Unique Number : 11056636 Diagnosed : 03 Jun 2024 - Jonathan Hester US 27834 Test Package : CONST Contact: Brandon Lewis Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. brandon.lewis@ascendummachinery.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: (704)494-8197

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

Laboratory

Submitted By: Service - Brandon Lewis Page 2 of 2

117 - ASCENDUM MACHINERY INC - GREENVILLE