

WEAR	
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL

Machine Id VOLVO A30G 742603 Component Transmission (Auto) Fluid VOLVO AT 102 (11 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

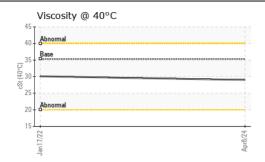
There is no indication of any contamination in the oil.

FLUID CONDITION

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

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Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ML0001201	VCP340153	
Sample Date		Client Info		08 Apr 2024	17 Jan 2022	
Machine Age	hrs	Client Info		4012	1990	
Oil Age	hrs	Client Info		2022	0	
Filter Age	hrs	Client Info		1000	0	
Oil Changed		Client Info		Changed	Changed	
Filter Changed		Client Info		Changed	Changed	
Sample Status				NORMAL	NORMAL	
Iron		ASTM D5185m	>160	39	44	
Chromium	ppm	ASTM D5185m	>5		<1	
Nickel	ppm	ASTM D5185m	>5	۲ ۲	10	
Titanium	ppm	ASTM D5185m	>0	، <1	0	
Silver	ppm	ASTM D5185m	>5	0	0	
Aluminum	ppm	ASTM D5185m		33	39	
Lead	ppm	ASTM D5185m	>50 >50		<1	
Copper	ppm	ASTM D5185m	>225	42	66	
Tin	ppm	ASTM D5185m	>10	42 9	12	
Vanadium	ppm ppm	ASTM D5185m	>10	9	0	
White Metal	scalar	*Visual	NONE	NONE	LIGHT	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
	Scalal	visuai			NONL	
Silicon	ppm	ASTM D5185m	>20	8	14	
Potassium	ppm	ASTM D5185m	>20	3	2	
Water		WC Method	>0.1	NEG	NEG	
Silt	scalar	*Visual	NONE	NONE	NONE	
Silt Debris	scalar scalar	*Visual *Visual	NONE NONE	NONE NONE	NONE NONE	
Debris	scalar	*Visual	NONE	NONE	NONE	
Debris Sand/Dirt	scalar scalar	*Visual *Visual	NONE	NONE	NONE	
Debris Sand/Dirt Appearance	scalar scalar scalar	*Visual *Visual *Visual	NONE NONE NORML	NONE NONE NORML	NONE NONE NORML	
Debris Sand/Dirt Appearance Odor Emulsified Water	scalar scalar scalar scalar scalar	*Visual *Visual *Visual *Visual *Visual	NONE NORML NORML	NONE NONE NORML NORML NEG	NONE NORML NORML NEG	
Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	scalar scalar scalar scalar scalar ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m	NONE NORML NORML >0.1	NONE NORML NORML NEG 4	NONE NORML NORML NEG 8	
Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	scalar scalar scalar scalar scalar ppm ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	NONE NORML NORML >0.1 187	NONE NORML NORML NEG 4 88	NONE NORML NORML NEG 8 88	
Debris 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 NORML NORML >0.1 187 0.0	NONE NORML NORML NEG 4 88 0	NONE NORML NORML NEG 8 88 	
Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	scalar scalar scalar scalar scalar ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORML NORML >0.1 187 0.0	NONE NORML NORML NEG 4 88 0 2	NONE NORML NORML NEG 8 88 <1 <1	
Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	scalar scalar scalar scalar scalar ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORML NORML >0.1 187 0.0 0.0 0.0	NONE NORML NORML NEG 4 88 0 2 2	NONE NORML NORML NEG 8 88 <1 <1 <1 5	
Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium	scalar scalar scalar scalar ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORML NORML >0.1 187 0.0 0.0 0.0 6.8	NONE NORML NORML NEG 4 88 0 2 2 2 6	NONE NORML NORML NEG 8 88 <1 <1 <1 5 <1	
Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium	scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORML >0.1 187 0.0 0.0 0.0 6.8 215	NONE NORML NORML NEG 4 88 0 2 2 2 6 195	NONE NORML NORML NEG 8 88 <1 <1 <1 5 <1 5 <1 141	
Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Malybdenum Maganese Magnesium Calcium	scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORML NORML >0.1 187 0.0 0.0 0.0 6.8 215 445	NONE NORML NORML NEG 4 88 0 2 2 2 6 195 267	NONE NORML NORML NEG 8 88 <1 <1 5 <1 5 <1 141 275	
Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium Calcium Phosphorus Zinc	scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORML NORML >0.1 187 0.0 0.0 0.0 6.8 215 445 56	NONE NORML NORML NEG 4 88 0 2 2 2 6 195 267 35	NONE NORML NORML NEG 8 88 88 <1 <1 <1 5 <1 5 <1 141 275 7	
Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Malybdenum Manganese Magnesium Calcium	scalar scalar scalar scalar ppm ppm ppm ppm ppm ppm	*Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	NONE NORML NORML >0.1 187 0.0 0.0 0.0 6.8 215 445	NONE NORML NORML NEG 4 88 0 2 2 2 6 195 267	NONE NORML NORML NEG 8 88 <1 <1 5 <1 5 <1 141 275	

Submitted By: DELANO GREGORY



(40°C) ŝ Ał 20 18 Jan17/22 Apr8/24 -



PLEASANT EXCAVATING COMPANY INC Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513 Sample No. : ML0001201 Received : 12 Apr 2024 24024 FREDERICK ROAD Lab Number : 06147836 Tested CLARKSBURG, MD : 15 Apr 2024 Unique Number : 10977914 Diagnosed : 16 Apr 2024 - Don Baldridge US 20871 Test Package : CONST Contact: H TRENT Certificate L2367 HTRENT@PLEASANTS.ORG 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. T: (301)252-5635 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

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