

[617675 ALTA RENTS] Machine Id VOLVO L70H 624454 Component

Transmission

VOLVO AUTOMATIC TRANSMISSION FLUID AT102 (--- GAL)

REC	OMI	MEN	DAT	ION
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No corrective action is recommended at this time. Resample at the next service interval to monitor.

V	VE	A	R
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The iron level is abnormal. All other component wear rates are normal.

CONTAMINATION

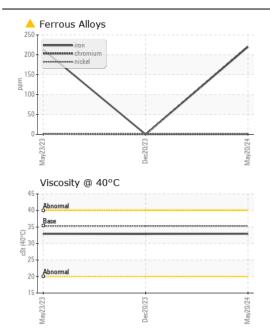
There is no indication of any contamination in the fluid.

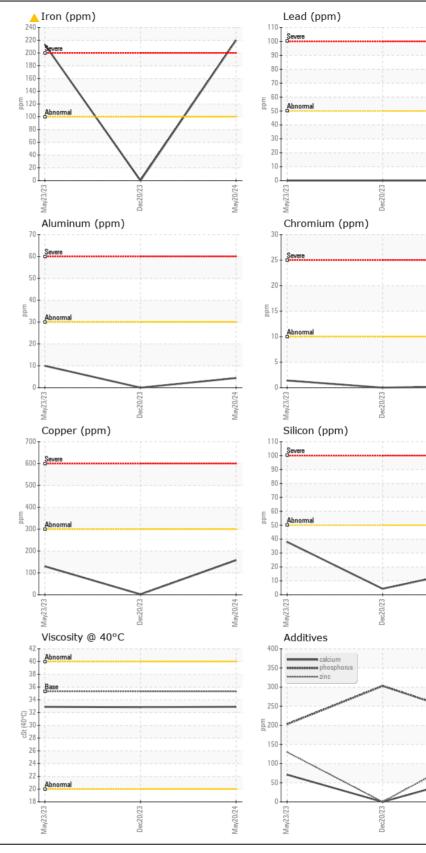
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The condition of the fluid is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP449916	VCP435630	VCP419343
Sample Date		Client Info		20 May 2024	20 Dec 2023	23 May 2023
Machine Age	hrs	Client Info		4170	3446	2683
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		Not Changd	Not Changd	Not Changd
Sample Status				ABNORMAL	NORMAL	ABNORMAL
			400			
Iron	ppm	ASTM D5185m	>100	A 220	0	▲ 213
Chromium	ppm	ASTM D5185m	>10	<1	0	1
Nickel	ppm	ASTM D5185m	>10	0	0	<1
Titanium	ppm	ASTM D5185m		0	<1	<1
Silver	ppm	ASTM D5185m	00	0	0	0
Aluminum	ppm	ASTM D5185m	>30	4	0	10
Lead	ppm	ASTM D5185m	>50	0	0	0
Copper	ppm	ASTM D5185m	>300	158	2	130
Tin	ppm	ASTM D5185m	>20	0	0	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon			50	10	4	~~~
Shicon	ppm	ASTM D5185m	>50	19	4	38
Potassium	ppm ppm	ASTM D5185m	>50 >20	0	4	38
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Potassium		ASTM D5185m	>20	0	2	3
Potassium Water	ppm	ASTM D5185m WC Method	>20 >0.2	0 NEG	2 NEG	3 NEG
Potassium Water Silt	ppm scalar	ASTM D5185m WC Method *Visual	>20 >0.2 NONE	0 NEG NONE	2 NEG NONE	3 NEG NONE
Potassium Water Silt Debris	ppm scalar scalar	ASTM D5185m WC Method *Visual *Visual	>20 >0.2 NONE NONE	0 NEG NONE NONE	2 NEG NONE NONE	3 NEG NONE NONE
Potassium Water Silt Debris Sand/Dirt	ppm scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual	>20 >0.2 NONE NONE NONE	0 NEG NONE NONE	2 NEG NONE NONE	3 NEG NONE NONE NORE
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	0 NEG NONE NONE NONE NORML	2 NEG NONE NONE NONE NORML	3 NEG NONE NONE NORE
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	0 NEG NONE NONE NORML NORML NEG	2 NEG NONE NONE NORML NORML NEG	3 NEG NONE NONE NORML NORML NEG
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm scalar scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >0.2 NONE NONE NORML NORML >0.2	0 NEG NONE NONE NORML NORML NEG	2 NEG NONE NONE NORML NORML NEG	3 NEG NONE NONE NORML NORML NEG 5
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 >0.2	0 NEG NONE NONE NORML NORML NEG 6 32	2 NEG NONE NONE NORML NORML NEG 2 0	3 NEG NONE NONE NORML NORML NEG 5 26
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 >0.2	0 NEG NONE NONE NORML NORML NEG 6 32 2	2 NEG NONE NONE NORML NORML NEG 2 0 0	3 NEG NONE NONE NORML NORML NEG 5 26 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 NORME NORML >0.2 187 0.0	0 NEG NONE NONE NORML NORML NEG 6 32 2 2 3	2 NEG NONE NONE NORML NORML NEG 2 0 0 0 0	3 NEG NONE NONE NORML NORML NEG 5 26 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 ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >0.2 NONE NONE NORML >0.2 187 0.0 0.0	0 NEG NONE NONE NORML NORML NEG 6 32 2 2 3 8	2 NEG NONE NONE NORML NORML NEG 2 0 0 0 0 0	3 NEG NONE NONE NORML NORML NEG 5 26 0 1 8
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium 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	>20 >0.2 NONE NONE NORML NORML >0.2 187 0.0 0.0 0.0 6.8	0 NEG NONE NONE NORML NORML NEG 6 32 2 3 8 8 7	2 NEG NONE NONE NORML NORML NEG 2 0 0 0 0 0 0 0 0 0 0	3 NEG NONE NONE NORML NORML NEG 5 26 0 1 1 8 7
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium 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 >0.2 187 0.0 0.0 0.0 6.8 215	0 NEG NONE NONE NORML NORML NEG 6 32 2 3 8 7 6 9	2 NEG NONE NONE NORML NORML NEG 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 NEG NONE NONE NORML NORML NEG 5 26 0 1 8 7 7
Potassium Water 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 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 NORME NORML >0.2 187 0.0 0.0 0.0 6.8 215 445 	0 NEG NONE NONE NORML NORML NEG 6 32 2 3 8 7 69 220	2 NEG NONE NONE NORML NORML NEG 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 NEG NONE NONE NORML NORML NEG 5 26 0 1 8 7 71 203
Potassium Water Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Boron Barium Malybdenum Manganese Magnesium Calcium Phosphorus Zinc	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 >0.2 187 0.0 0.0 0.0 6.8 215 445 56	0 NEG NONE NONE NORML NORML NEG 6 32 2 3 8 7 69 220 135	2 NEG NONE NONE NORML NORML NEG 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 NEG NONE NONE NORML NORML NEG 5 26 0 1 1 8 7 71 203 130
Potassium Water 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 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 NORME NORML >0.2 187 0.0 0.0 0.0 6.8 215 445 	0 NEG NONE NONE NORML NORML NEG 6 32 2 3 8 7 69 220	2 NEG NONE NONE NORML NORML NEG 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 NEG NONE NONE NORML NORML NEG 5 26 0 1 8 7 7 71 203

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 : VCP449916 : 24 May 2024 Lab Number : 06190844 TAMPA, FL Tested : 29 May 2024 Unique Number : 11047596 : 29 May 2024 - Sean Felton US 33619 Diagnosed 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 F: (813)630-2233

Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Contact/Location: KENNY HANEY - VOLVO0093

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