

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

Machine Id VOLVO L90H 625079 Component Transmission (Auto) Fluid DEXRON III (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. The fluid was not specified, however, a fluid match indicates that this fluid is (GENERIC) DEXRON III. Please confirm.

WEAR

All component wear rates are normal.

CONTAMINATION

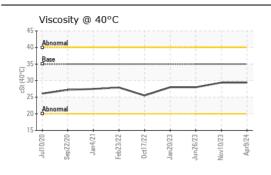
There is no indication of any contamination in the fluid.

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		ASC0010431	ASC0002748	VCP415516
Sample Date		Client Info		09 Apr 2024	10 Nov 2023	26 Jun 2023
Machine Age	hrs	Client Info		7421	7421	6770
Oil Age	hrs	Client Info		7421	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		N/A	N/A	Not Changd
Filter Changed		Client Info		N/A	N/A	Not Changd
Sample Status				NORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>160	38	38	50
Chromium	ppm	ASTM D5185m	>5	0	<1	<1
Nickel	ppm	ASTM D5185m	>5	0	0	<1
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m	>5	0	0	0
Aluminum	ppm	ASTM D5185m	>50	2	3	<1
Lead	ppm	ASTM D5185m	>50	0	0	<1
Copper	ppm	ASTM D5185m	>225	9	6	6
Tin	ppm	ASTM D5185m	>10	0	0	0
Vanadium	ppm	ASTM D5185m	, 10	0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal Silicon	scalar ppm	*Visual ASTM D5185m	NONE	NONE 4	NONE 4	NONE 4
Silicon	ppm	ASTM D5185m	>20	4	4	4
Silicon Potassium	ppm	ASTM D5185m ASTM D5185m	>20 >20	4	4	4
Silicon Potassium Water Silt Debris	ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>20 >20 >0.1	4 0 NEG	4 2 NEG	4 2 NEG NONE NONE
Silicon Potassium Water Silt	ppm ppm scalar	ASTM D5185m ASTM D5185m WC Method *Visual	>20 >20 >0.1 NONE	4 0 NEG NONE	4 2 NEG NONE	4 2 NEG NONE
Silicon Potassium Water Silt Debris Sand/Dirt Appearance	ppm ppm scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>20 >20 >0.1 NONE NONE NONE NORML	4 0 NEG NONE NONE NONE NORML	4 2 NEG NONE NONE NONE NORML	4 2 NEG NONE NONE NONE NORML
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor	ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>20 >20 >0.1 NONE NONE NONE	4 0 NEG NONE NONE NONE	4 2 NEG NONE NONE NONE	4 2 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	4 0 NEG NONE NONE NONE NORML	4 2 NEG NONE NONE NONE NORML	4 2 NEG NONE NONE NONE NORML
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor	ppm ppm scalar scalar scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual	>20 >20 >0.1 NONE NONE NONE NORML	4 0 NEG NONE NONE NONE NORML NORML	4 2 NEG NONE NONE NONE NORML NORML	4 2 NEG NONE NONE NONE NORML 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	4 0 NEG NONE NONE NORE NORML NEG	4 2 NEG NONE NONE NORML NORML NEG	4 2 NEG 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 NONE NORML	4 0 NEG NONE NONE NORML NORML NEG 3	4 2 NEG NONE NONE NORML NORML NEG 0	4 2 NEG NONE NONE NORML NORML NEG <1
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron	ppm ppm scalar scalar scalar scalar scalar scalar gpm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >20 >0.1 NONE NONE NONE NORML	4 0 NEG NONE NONE NORML NORML NEG 3 58	4 2 NEG NONE NONE NORML NORML NEG 0 76	4 2 NEG NONE NONE NORML NORML NEG <1 65
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 NONE NORML	4 0 NEG NONE NONE NORML NORML NEG 3 58 <1	4 2 NEG NONE NONE NONE NORML NORML NEG 0 76 5	4 2 NEG NONE NONE NORML NORML NEG <1 65 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 NONE NONE NORML	4 0 NEG NONE NONE NORML NORML NEG 3 58 <1 <1	4 2 NEG NONE NONE NORML NORML NEG 0 76 5 < 1	4 2 NEG NONE NONE NORML NORML NEG <1 65 0 0
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	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 ASTM D5185m	>20 >20 >0.1 NONE NONE NONE NORML	4 0 NEG NONE NONE NORML NORML NEG 3 58 <1 <1 <1 2	4 2 NEG NONE NONE NORML NORML NEG 0 76 5 <1 2	4 2 NEG NONE NONE NORML NORML NEG <1 65 0 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 *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>20 >20 >0.1 NONE NONE NONE NORML	4 0 NEG NONE NONE NORML NORML NEG 3 58 <1 <1 <1 2 3	4 2 NEG NONE NONE NORML NORML NEG 0 76 5 <1 2 2 6	4 2 NEG NONE NONE NONE NORML NORML NEG <1 65 0 0 0 3 8
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 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 NONE NORML	4 0 NEG NONE NONE NORML NORML NEG 3 58 <1 <1 <1 2 3 93	4 2 NEG NONE NONE NORML NORML NEG 0 76 5 <1 2 6 93	4 2 NEG NONE NONE NORML NORML NEG <1 65 0 0 3 3 8 105
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium 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 NONE NORML	4 0 NEG NONE NONE NORML NORML NEG 3 58 <1 <1 2 3 58 <1 <1 2 3 93 93	4 2 NEG NONE NONE NORML NORML NEG 0 76 5 4 2 2 6 93 263	4 2 NEG NONE NONE NORML NORML NEG <1 65 0 3 8 105 212

Submitted By: HUNTER DOLIVE



Ferrous Alloys 300 280 260 240 220 200 180 160 E 140 120 100 80 60 40 20 0 Feb23/22 Jan20/23 Sep22/20 /10/23 Apr9/24 lan4/7 Non-ferrous Metals 10 lead maa -eh23/77 0/0/u 100 ma Puel Viscosity @ 40°C 42 41 38 31 в 3 32 (10°C) 30 ŝ 28 21 24 Ab 20 18 Feb23/22. Vov10/23 -Apr9/24 -Jul10/20 Sep22/20 Jan20/23 Jun26/23 Jan 4/21

> 113 - ASCENDUM MACHINERY INC - GARNER 3561 JONES SAUSAGE ROAD GARNER, NC Davis US 27529 Contact: TRENT BROADWELL trent.broadwell@ascendummachinery.com T: (919)661-8817 Ie (JCGM 106:2012) F: (919)661-9038



 Unique Number
 : 10993613
 Diagnosed
 : 24 Apr 2024 - Wes Davis

 Certificate L2367
 Test Package
 : CONST
 Contact: TRENT

 To discuss this sample report, contact Customer Service at 1-800-237-1369.
 trent.broadwell@ascendum

 * - 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: (

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

Received

Tested

: 23 Apr 2024

: 24 Apr 2024

Laboratory

Sample No.

Lab Number : 06158190

: ASC0010431

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