

WEAR NORMAL CONTAMINATION NORMAL FLUID CONDITION NORMAL

Area Ascendum Machinery/Greensboro, NC Machine Id VOLVO L70H L70HV626005 Component Transmission (Auto) Fluid VOLVO AT 102 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

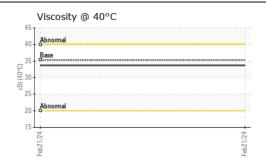
There is no indication of any contamination in the fluid.

FLUID CONDITION

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

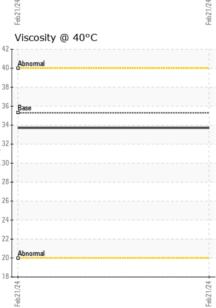
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ASC0007300		
Sample Date		Client Info		21 Feb 2024		
Machine Age	hrs	Client Info		498		
Oil Age	hrs	Client Info		498		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		Not Changd		
Filter Changed		Client Info		Not Changd		
Sample Status				NORMAL		
Iron	nnm	ASTM D5185m	>160	38		
Chromium	ppm ppm	ASTM D5185m	>5	<1		
Nickel	ppm	ASTM D5185m	>5	<1		
Titanium	ppm	ASTM D5185m	20	<1		
Silver	ppm	ASTM D5185m	>5	0		
Aluminum	ppm	ASTM D5185m	>50	۰ <1		
Lead	ppm	ASTM D5185m	>50	<1		
Copper	ppm	ASTM D5185m	>225	8		
Tin	ppm	ASTM D5185m	>10	۲ ح1		
Vanadium	ppm	ASTM D5185m	210	<1		
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Silicon	ppm	ASTM D5185m	>20	10		
Silicon Potassium						
	ppm	ASTM D5185m	>20	10		
Potassium	ppm	ASTM D5185m ASTM D5185m	>20 >20	10 3		
Potassium Water	ppm ppm	ASTM D5185m ASTM D5185m WC Method	>20 >20 >20 >0.1	10 3 NEG		
Potassium Water Silt	ppm ppm scalar	ASTM D5185m ASTM D5185m WC Method *Visual	>20 >20 >0.1 NONE	10 3 NEG NONE		
Potassium Water Silt Debris	ppm ppm scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>20 >20 >0.1 NONE NONE NONE NORML	10 3 NEG NONE NONE		
Potassium Water Silt Debris Sand/Dirt Appearance Odor	ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual	>20 >20 >0.1 NONE NONE	10 3 NEG NONE NONE NONE NORML NORML		
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	10 3 NEG NONE NONE NONE NORML		
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	10 3 NEG NONE NONE NONE NORML NORML NEG		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	ppm ppm scalar scalar scalar scalar scalar scalar ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m	>20 >20 >0.1 NONE NONE NORML NORML >0.1	10 3 NEG NONE NONE NORML NORML NEG 2	 	
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	10 3 NEG NONE NONE NORML NORML NEG 2 68	 	
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	>20 >20 >0.1 NONE NONE NORML NORML >0.1	10 3 NEG NONE NONE NORML NORML NEG 2 68 2		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm ppm scalar scalar scalar scalar scalar scalar ppm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m	>20 >20 >0.1 NONE NORME NORML >0.1	10 3 NEG NONE NONE NORML NORML NEG 2 68		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium	ppm ppm scalar 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	>20 >20 >0.1 NONE NORML NORML >0.1	10 3 NEG NONE NONE NORML NORML NEG 2 68 2 4 8		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese	ppm ppm scalar 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	10 3 NEG NONE NONE NORML NORML NEG 2 68 2 4 68		
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 NORML >0.1 187 0.0 0.0 0.0 6.8	10 3 NEG NONE NONE NORML NORML NEG 2 68 2 <1 8 2		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum 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 ASTM D5185m	>20 >20 >0.1 NONE NORML NORML >0.1 187 0.0 0.0 0.0 6.8 215	10 3 NEG NONE NONE NORML NORML NEG 2 68 2 <1 8 2 <1 8 2 70		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Barium Malybdenum Manganese Magnesium Calcium	ppm ppm scalar scalar scalar scalar scalar ppm 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	>20 >20 >0.1 NONE NONE NORML >0.1 187 0.0 0.0 0.0 6.8 215 445 56	10 3 NEG NONE NONE NORML NORML NEG 2 68 2 4 68 2 <1 8 2 70 167		
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium Calcium Phosphorus Zinc	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 ASTM D5185m ASTM D5185m	>20 >20 >0.1 NONE NORME NORML >0.1 187 0.0 0.0 0.0 6.8 215 445	10 3 NEG NONE NONE NORML NORML NEG 2 68 2 <1 8 2 <1 8 2 70 167 22		

Submitted By: KARRINGTON RENDLEMAN



Ferrous Alloys 40 21 30 25 ظ 20 15 10 0 Non-ferrous Metals 10 lead maa eb21 Viscosity @ 40°C 41 38 31 3 32 (10°C) ŝ 28

eb21/24



OLDCASTLE MATERIALS 900 ASHWOOD PARKWAY SUITE 600

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Unique Number : 10900349 Diagnosed : 28 Feb 2024 - Wes Davis US 30338 Test Package : CONST Contact: BRIAN MELLO Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. brian.mello@oldcastlematerials.com * - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (800)899-8455 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

: 27 Feb 2024

: 28 Feb 2024

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

Received

Tested

Laboratory

Sample No.

Lab Number : 06102119

: ASC0007300

Submitted By: KARRINGTON RENDLEMAN

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ATLANTA, GA