

#### Machine Id VOLVO L120H 633531 Component Front Axle Fluid TRANSAXLE OIL SAE 75W80 (--- 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) TRANSAXLE OIL SAE 75W80. Please confirm.

### **WEAR**

All component wear rates are normal.

### CONTAMINATION

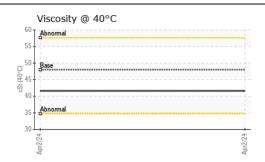
There is no indication of any contamination in the oil.

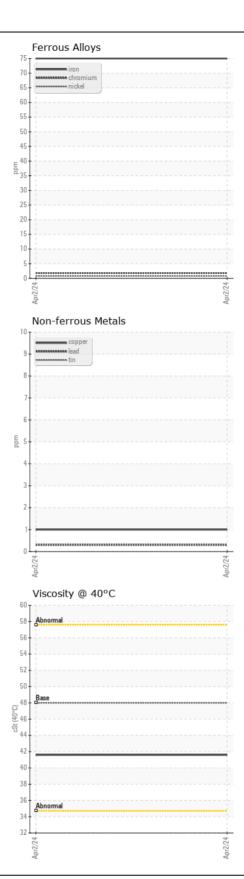
# FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ASC0008850		
Sample Date		Client Info		02 Apr 2024		
Machine Age	hrs	Client Info		818		
Oil Age	hrs	Client Info		818		
Filter Age	hrs	Client Info		0		
Oil Changed		Client Info		N/A		
Filter Changed		Client Info		N/A		
Sample Status				NORMAL		
Iron		ASTM D5185m	>500	75		
Chromium	ppm	ASTM D5185m	>10	2		
Nickel	ppm	ASTM D5185m	>10	2 <1		
Titanium	ppm	ASTM D5185m	>10	<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>25	2		
Lead	ppm	ASTM D5185m	>20 >25	2 <1		
	ppm	ASTM D5185m	>20	د، 1		
Copper Tin	ppm	ASTM D5185m		۱ <1		
Vanadium	ppm		>10			
White Metal	ppm scalar	ASTM D5185m *Visual	NONE	<1 NONE		
				NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Silicon	nom		>75	00		
	ppm	ASTM D5185m	>/3	20		
Potassium	ppm	ASTM D5185m	>20	3		
Potassium Water						
		ASTM D5185m	>20	3		
Water	ppm	ASTM D5185m WC Method	>20 >0.2	3 NEG		
Water Silt	ppm scalar	ASTM D5185m WC Method *Visual	>20 >0.2 NONE	3 NEG LIGHT		
Water Silt Debris	ppm scalar scalar	ASTM D5185m WC Method *Visual *Visual	>20 >0.2 NONE NONE	3 NEG LIGHT NONE		
Water Silt Debris Sand/Dirt	ppm scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual	>20 >0.2 NONE NONE NONE	3 NEG LIGHT NONE NONE		  
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 NORML	3 NEG LIGHT NONE NONE NORML	  	  
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water	ppm scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual	>20 >0.2 NONE NONE NORML NORML	3 NEG LIGHT NONE NONE NORML NORML NEG		
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	3 NEG LIGHT NONE NORML NORML NEG 1		
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	<ul> <li>&gt;20</li> <li>&gt;0.2</li> <li>NONE</li> <li>NORME</li> <li>NORML</li> <li>&gt;0.2</li> <li>160</li> </ul>	3 NEG LIGHT NONE NORML NORML NEG 1 131		
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	<ul> <li>&gt;20</li> <li>&gt;0.2</li> <li>NONE</li> <li>NONE</li> <li>NORML</li> <li>&gt;0.2</li> <li>160</li> <li>10</li> </ul>	3 NEG LIGHT NONE NORML NORML NEG 1 131 0		
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	<ul> <li>&gt;20</li> <li>&gt;0.2</li> <li>NONE</li> <li>NORME</li> <li>NORML</li> <li>&gt;0.2</li> <li>160</li> </ul>	3 NEG LIGHT NONE NORML NORML NEG 1 131 0 5		
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 *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	<ul> <li>&gt;20</li> <li>&gt;0.2</li> <li>NONE</li> <li>NORME</li> <li>NORML</li> <li>&gt;0.2</li> <li>160</li> <li>10</li> <li>25</li> </ul>	3 NEG LIGHT NONE NORML NORML NEG 1 131 0 5 3		
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron 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	<ul> <li>&gt;20</li> <li>&gt;0.2</li> <li>NONE</li> <li>NONE</li> <li>NORML</li> <li>&gt;0.2</li> <li>160</li> <li>10</li> <li>25</li> <li>12</li> </ul>	3 NEG LIGHT NONE NORML NORML NEG 1 131 0 5 3 3 7		
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Malybdenum Manganese Magnesium	ppm scalar scalar scalar scalar scalar 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	<ul> <li>&gt;20</li> <li>&gt;0.2</li> <li>NONE</li> <li>NONE</li> <li>NORML</li> <li>NORML</li> <li>&gt;0.2</li> <li>160</li> <li>10</li> <li>25</li> <li>12</li> <li>3750</li> </ul>	3 NEG LIGHT NONE NORML NORML NEG 1 131 0 5 3 7 3711		
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron 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	<ul> <li>&gt;20</li> <li>&gt;0.2</li> <li>NONE</li> <li>NORME</li> <li>NORML</li> <li>&gt;0.2</li> <li>160</li> <li>10</li> <li>25</li> <li>12</li> <li>3750</li> <li>1200</li> </ul>	3 NEG LIGHT NONE NORML NORML NEG 1 131 0 5 3 7 3711 1391		
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum 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	<ul> <li>&gt;20</li> <li>&gt;0.2</li> <li>NONE</li> <li>NONE</li> <li>NORML</li> <li>&gt;0.2</li> <li>160</li> <li>10</li> <li>25</li> <li>12</li> <li>3750</li> <li>1200</li> <li>1500</li> </ul>	3 NEG LIGHT NONE NORML NORML NEG 1 131 0 5 3 7 3711 1391 1561		
Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	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	<ul> <li>&gt;20</li> <li>&gt;0.2</li> <li>NONE</li> <li>NORME</li> <li>NORML</li> <li>&gt;0.2</li> <li>160</li> <li>10</li> <li>25</li> <li>12</li> <li>3750</li> <li>1200</li> </ul>	3 NEG LIGHT NONE NORML NORML NEG 1 131 0 5 3 7 3711 1391		

Submitted By: RYAN ZEBALLOS





Sample No. : ASC0008850 Received : 23 Apr 2024 107 RESERVATION RD Lab Number : 06158103 Tested : 24 Apr 2024 ABERDEEN, NC Unique Number : 10993526 Diagnosed : 24 Apr 2024 - Wes Davis US 28315 Test Package : CONST Contact: AMBER COLLINS Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369. amber.collins@oldcastleapg.com \* - Denotes test methods that are outside of the ISO 17025 scope of accreditation. T: (910)944-7232 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F: (910)944-2312

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

Laboratory

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**OLD CASTLE LAWN & GARDEN**