



VOLVO A30G 752979

Front Axle

VOLVO PREMIUM GEAR OIL 85W-140 GL-5 (--- GAL)

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Resample at the next service interval to monitor.

## **WEAR**

All component wear rates are normal.

## CONTAMINATION

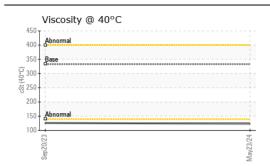
There is no indication of any contamination in the oil.

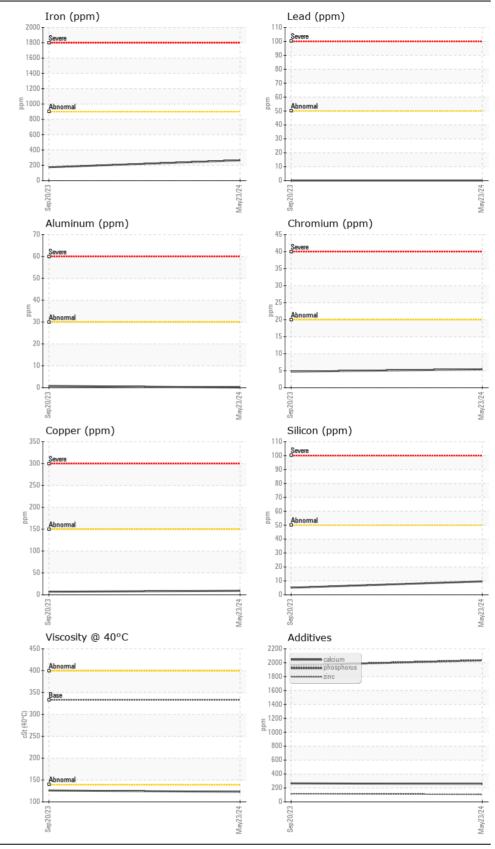
## **FLUID CONDITION**

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		VCP752979	VCP434735	
Sample Date		Client Info		23 May 2024	20 Sep 2023	
Machine Age	hrs	Client Info		2031	1003	
Oil Age	hrs	Client Info		0	0	
Filter Age	hrs	Client Info		0	0	
Oil Changed		Client Info		Changed	Not Changd	
Filter Changed		Client Info		N/A	N/A	
Sample Status				NORMAL	NORMAL	
		40TH DE105				
Iron	ppm	ASTM D5185m	>900	264	174	
Chromium	ppm	ASTM D5185m	>20	5	5	
Nickel	ppm	ASTM D5185m	>10	1	2	
Titanium	ppm	ASTM D5185m		0	0	
Silver	ppm	ASTM D5185m		0	0	
Aluminum	ppm	ASTM D5185m	>30	<1	<1	
Lead	ppm	ASTM D5185m	>50	0	0	
Copper	ppm	ASTM D5185m	>150	9	7	
Tin	ppm	ASTM D5185m	>20	<1	<1	
Vanadium	ppm	ASTM D5185m		0	0	
White Metal	scalar	*Visual	NONE	NONE	LIGHT	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal Silicon		*Visual ASTM D5185m	>50	10	NONE 5	
	ppm					
Silicon		ASTM D5185m	>50	10	5	
Silicon Potassium	ppm ppm	ASTM D5185m ASTM D5185m	>50 >20	10 3	5 4	
Silicon Potassium Water	ppm	ASTM D5185m ASTM D5185m WC Method	>50 >20 >0.2	10 3 NEG	5 4 NEG	
Silicon Potassium Water Silt	ppm ppm scalar	ASTM D5185m ASTM D5185m WC Method *Visual	>50 >20 >0.2 NONE	10 3 NEG NONE	5 4 NEG NONE	
Silicon Potassium Water Silt Debris	ppm ppm scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>50 >20 >0.2 NONE NONE	10 3 NEG NONE NONE	5 4 NEG NONE NONE	
Silicon Potassium Water Silt Debris Sand/Dirt	ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual	>50 >20 >0.2 NONE NONE NONE	10 3 NEG NONE NONE NONE	5 4 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	>50 >20 >0.2 NONE NONE NONE NORML	10 3 NEG NONE NONE NONE NORML	5 4 NEG NONE NONE NONE 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	>50 >20 >0.2 NONE NONE NONE NORML	10 3 NEG NONE NONE NORE NORML NEG	5 4 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	>50 >20 >0.2 NONE NONE NORML NORML >0.2	10 3 NEG NONE NONE NORML NORML NEG	5 4 NEG NONE NONE NORML NORML NEG	
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	<pre>&gt;50 &gt;20 &gt;0.2 NONE NONE NORML NORML &gt;0.2</pre>	10 3 NEG NONE NONE NORML NORML NEG <1 243	5 4 NEG NONE NONE NORML NORML NEG <1 241	
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	>50 >20 >0.2 NONE NONE NORML NORML >0.2	10 3 NEG NONE NONE NORML NORML NEG <1 243 <1	5 4 NEG NONE NONE NONE NORML NORML NEG <1 241 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 ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m	<ul> <li>&gt;50</li> <li>&gt;20</li> <li>&gt;0.2</li> <li>NONE</li> <li>NORML</li> <li>NORML</li> <li>&gt;0.2</li> <li>1111</li> <li>0.0</li> <li>0.9</li> </ul>	10 3 NEG NONE NONE NORML NORML NEG <1 243 <1 5	5 4 NEG NONE NONE NORML NORML NEG <1 241 0 5	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese	ppm ppm scalar scalar scalar scalar scalar gpm ppm ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>50 >20 >0.2 NONE NONE NORML >0.2 1111 0.0 0.9 0.0	10 3 NEG NONE NONE NORML NORML NEG <1 243 <1 243 <1 5 10	5 4 NEG NONE NONE NORML NORML NEG <1 241 0 5 9	
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 ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	<ul> <li>&gt;50</li> <li>&gt;20</li> <li>&gt;0.2</li> <li>NONE</li> <li>NONE</li> <li>NORML</li> <li>&gt;0.2</li> <li>111</li> <li>0.0</li> <li>0.9</li> <li>0.0</li> <li>39</li> </ul>	10 3 NEG NONE NONE NORML NORML NEG <1 243 <1 243 <1 5 10 3	5 4 NEG NONE NONE NORML NORML NEG <1 241 0 5 9 9 1	
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	<ul> <li>&gt;50</li> <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>111</li> <li>0.0</li> <li>0.9</li> <li>0.0</li> <li>39</li> <li>93</li> </ul>	10 3 NEG NONE NONE NORML NORML NEG <1 243 <1 243 <1 5 10 3 258	5 4 NEG NONE NONE NORML NORML NEG <1 241 0 241 0 5 9 1 266	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron 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	<ul> <li>&gt;50</li> <li>&gt;20</li> <li>&gt;0.2</li> <li>NONE</li> <li>NORME</li> <li>NORML</li> <li>&gt;0.2</li> <li>111</li> <li>0.0</li> <li>0.9</li> <li>0.0</li> <li>39</li> <li>93</li> <li>920</li> </ul>	10 3 NEG NONE NONE NORML NORML NEG <1 243 <1 243 <1 5 10 3 258 2034	5 4 NEG NONE NONE NORML NORML NEG <1 241 0 5 9 1 266 1961	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum Manganese Magnesium Calcium Phosphorus	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 ASTM D5185m	<ul> <li>&gt;50</li> <li>&gt;20</li> <li>&gt;0.2</li> <li>NONE</li> <li>NORME</li> <li>NORML</li> <li>&gt;0.2</li> <li>111</li> <li>0.0</li> <li>0.9</li> <li>0.0</li> <li>39</li> <li>920</li> <li>104</li> </ul>	10 3 NEG NONE NONE NORML NORML NEG <1 243 <1 5 10 3 258 2034 108	5 4 NEG NONE NONE NORML NORML NEG 241 241 0 5 9 1 241 0 5 9 1 266 1961 117	
Silicon Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron 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	<ul> <li>&gt;50</li> <li>&gt;20</li> <li>&gt;0.2</li> <li>NONE</li> <li>NORME</li> <li>NORML</li> <li>&gt;0.2</li> <li>111</li> <li>0.0</li> <li>0.9</li> <li>0.0</li> <li>39</li> <li>93</li> <li>920</li> </ul>	10 3 NEG NONE NONE NORML NORML NEG <1 243 <1 243 <1 5 10 3 258 2034	5 4 NEG NONE NONE NORML NORML NEG <1 241 0 5 9 1 266 1961	

Contact/Location: SERVICE MANAGER - JONLON







Sample No. Received 1920 BOOTHE CIRCLE SUITE 110 : VCP752979 : 31 May 2024 Lab Number : 06197080 Tested LONGWOOD, FL : 03 Jun 2024 Diagnosed Unique Number : 11059203 : 04 Jun 2024 - Don Baldridge US 32750 Test Package : MOB 1 Contact: SERVICE MANAGER Certificate L2367 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: (407)215-0410 Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

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

Laboratory

Contact/Location: SERVICE MANAGER - JONLON Page 2 of 2

JON M HALL COMPANY

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