

Machine Id VOLVO A30G 752836 Component Front Axle Fluid {not provided} (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample.

## **WEAR**

All component wear rates are normal.

## CONTAMINATION

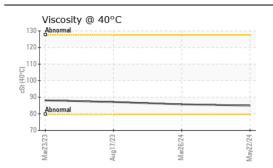
There is no indication of any contamination in the oil.

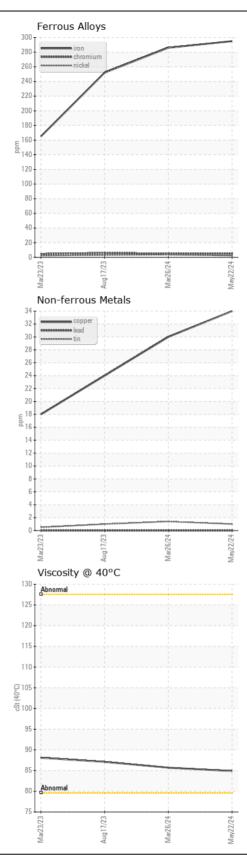
## FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ASC0011330	ASC0010377	VCP435099
Sample Date		Client Info		22 May 2024	26 Mar 2024	17 Aug 2023
Machine Age	hrs	Client Info		2970	2656	1657
Oil Age	hrs	Client Info		1168	1853	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	>900	295	286	252
Chromium	ppm	ASTM D5185m	>20	5	5	6
Nickel	ppm	ASTM D5185m	>10	2	4	3
Titanium	ppm	ASTM D5185m		0	0	0
Silver	ppm	ASTM D5185m		0	<1	0
Aluminum	ppm	ASTM D5185m	>30	0	<1	0
Lead	ppm	ASTM D5185m	>50	0	0	0
Copper	ppm	ASTM D5185m	>150	34	30	24
Tin	ppm	ASTM D5185m	>20	1	1	1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Silicon						
Shicon	ppm	ASTM D5185m	>50	4	5	5
Potassium	ppm ppm	ASTM D5185m ASTM D5185m	>50 >20	4 3	5 5	5 3
				-	-	
Potassium		ASTM D5185m	>20	3	5	3
Potassium Water	ppm	ASTM D5185m WC Method	>20 >0.2	3 NEG	5 NEG	3 NEG
Potassium Water Silt	ppm scalar	ASTM D5185m WC Method *Visual	>20 >0.2 NONE	3 NEG NONE	5 NEG LIGHT	3 NEG NONE
Potassium Water Silt Debris	ppm scalar scalar	ASTM D5185m WC Method *Visual *Visual	>20 >0.2 NONE NONE	3 NEG NONE NONE	5 NEG LIGHT NONE	3 NEG NONE LIGHT
Potassium Water Silt Debris Sand/Dirt	ppm scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual	>20 >0.2 NONE NONE NONE	3 NEG NONE NONE NONE	5 NEG LIGHT NONE NONE	3 NEG NONE LIGHT NONE
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 NORML	3 NEG NONE NONE NONE NORML	5 NEG LIGHT NONE NONE NORML	3 NEG NONE LIGHT NONE NORML
Potassium Water Silt Debris Sand/Dirt Appearance Odor	ppm scalar scalar scalar scalar scalar	ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual	>20 >0.2 NONE NONE NORML NORML	3 NEG NONE NONE NORE NORML	5 NEG LIGHT NONE NONE NORML NORML	3 NEG NONE LIGHT NONE NORML NORML
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	3 NEG NONE NONE NORML NORML NEG	5 NEG LIGHT NONE NORML NORML NEG	3 NEG NONE LIGHT NONE NORML NORML NEG
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium	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 NORML	3 NEG NONE NONE NORML NORML NEG	5 NEG LIGHT NONE NORML NORML NEG 3	3 NEG NONE LIGHT NONE NORML NORML NEG 1
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 NORML	3 NEG NONE NONE NORML NORML NEG <1 273	5 NEG LIGHT NONE NORML NORML NEG 3 249	3 NEG NONE LIGHT NORML NORML NEG 1 242
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	3 NEG NONE NONE NORML NORML NEG <1 273 <1	5 NEG LIGHT NONE NORML NORML NEG 3 249 3	3 NEG NONE LIGHT NORML NORML NEG 1 242 4
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium Molybdenum	ppm scalar 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 NONE NORML NORML	3 NEG NONE NONE NORML NORML NEG <1 273 <1 273 <1 12	5 NEG LIGHT NONE NORML NORML NEG 3 249 3 12	3 NEG NONE LIGHT NORML NORML NEG 1 242 4 12
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 NORML	3 NEG NONE NONE NORML NORML NEG <1 273 <1 273 <1 12 10	5 NEG LIGHT NONE NORML NORML NEG 3 249 3 249 3 12	3 NEG NONE LIGHT NORML NORML NEG 1 242 4 12 11
Potassium 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	>20 >0.2 NONE NONE NORML NORML	3 NEG NONE NONE NORML NORML NEG <1 273 <1 273 <1 12 10 0	5 NEG LIGHT NONE NORML NORML NEG 3 249 3 249 3 12 10 3	3 NEG NONE LIGHT NORML NORML NEG 1 242 4 12 11 11 4
Potassium Water Silt Debris Sand/Dirt Appearance Odor Emulsified Water Sodium Boron Barium 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	>20 >0.2 NONE NONE NORML NORML	3 NEG NONE NONE NORML NORML NEG <1 273 <1 273 <1 12 10 0 0 1018	5 NEG LIGHT NONE NORML NORML NEG 3 249 3 249 3 12 10 3 976	3 NEG NONE LIGHT NORML NORML NEG 1 242 4 12 11 11 4 1011
Potassium 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	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 NONE NORML NORML	3 NEG NONE NONE NORML NORML NEG <1 273 <1 273 <1 12 10 0 1018 1428	5 NEG LIGHT NONE NORML NORML NEG 3 249 3 249 3 12 10 3 12 10 3 976 1397	3 NEG NONE LIGHT NORML NORML NEG 1 242 4 12 11 11 4 1011 1319

Submitted By: RYAN ZEBALLOS





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Unique Number : 11056458 Diagnosed : 31 May 2024 - Wes Davis Test Package : CONST 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. Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012)

Received

Tested

: 29 May 2024

: 31 May 2024

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

Laboratory

Sample No.

Lab Number : 06194335

: ASC0011330

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