

Machine Id VOLVO A40G 341237 Component Rear 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

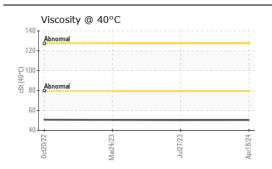
There is no indication of any contamination in the oil.

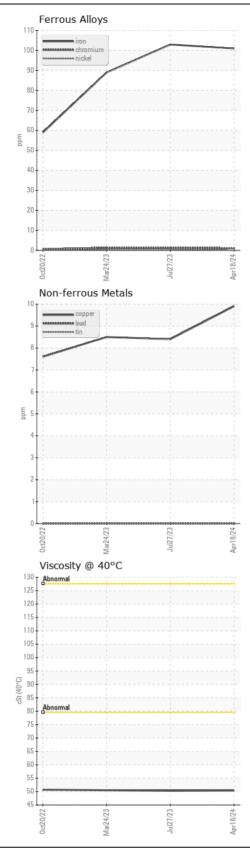
FLUID CONDITION

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

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ASC0008717	VCP411922	VCP426612
Sample Date		Client Info		18 Apr 2024	27 Jul 2023	24 Mar 2023
Machine Age	hrs	Client Info		8907	7468	6717
Oil Age	hrs	Client Info		1000	0	0
Filter Age	hrs	Client Info		1000	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Not Changd
Filter Changed		Client Info		Not Changd	N/A	N/A
Sample Status				NORMAL	NORMAL	NORMAL
Iron	ppm	ASTM D5185m	>900	101	103	89
Chromium	ppm	ASTM D5185m	>20	1	1	1
Nickel	ppm	ASTM D5185m	>10	0	<1	<1
Titanium	ppm	ASTM D5185m	210	0	0	0
Silver	ppm	ASTM D5185m		0	0	0
Aluminum	ppm	ASTM D5185m	>30	0	<1	<1
Lead	ppm	ASTM D5185m	>50	0	0	0
Copper	ppm	ASTM D5185m	>150	10	8	8
Tin	ppm	ASTM D5185m	>20	0	0	0
Vanadium	ppm	ASTM D5185m		0	<1	0
White Metal	scalar	*Visual	NONE	NONE	NONE	MODER
Yellow Metal	scalar	*Visual	NONE		NONE	NONE
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Silicon	ppm	ASTM D5185m	>50	3	4	3
Silicon Potassium		ASTM D5185m ASTM D5185m	>50 >20	3 0	4	3
Silicon Potassium Water	ppm ppm	ASTM D5185m ASTM D5185m WC Method	>50 >20 >0.2	3 0 NEG	4 0 NEG	3 1 NEG
Silicon Potassium Water Silt	ppm ppm scalar	ASTM D5185m ASTM D5185m WC Method *Visual	>50 >20 >0.2 NONE	3 0 NEG NONE	4 0 NEG NONE	3 1 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	3 0 NEG NONE NONE	4 0 NEG NONE NONE	3 1 NEG NONE LIGHT
Silicon Potassium Water Silt Debris Sand/Dirt	ppm ppm scalar scalar scalar	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual	>50 >20 >0.2 NONE NONE NONE	3 0 NEG NONE NONE NONE	4 0 NEG NONE NONE NONE	3 1 NEG NONE LIGHT 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	3 0 NEG NONE NONE NONE NORML	4 0 NEG NONE NONE NONE NORML	3 1 NEG NONE LIGHT 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	>50 >20 >0.2 NONE NONE NONE NORML NORML	3 0 NEG NONE NONE NORE NORML	4 0 NEG NONE NONE NONE NORML NORML	3 1 NEG NONE LIGHT NONE NORML NORML
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	3 0 NEG NONE NONE NONE NORML	4 0 NEG NONE NONE NONE NORML	3 1 NEG NONE LIGHT 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	>50 >20 >0.2 NONE NONE NONE NORML NORML	3 0 NEG NONE NONE NORE NORML	4 0 NEG NONE NONE NONE NORML NORML	3 1 NEG NONE LIGHT 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	>50 >20 >0.2 NONE NONE NONE NORML NORML	3 0 NEG NONE NONE NORE NORML NEG	4 0 NEG NONE NONE NORML NORML NEG	3 1 NEG NONE LIGHT 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 NONE NORML NORML	3 0 NEG NONE NONE NORML NORML NEG 4	4 0 NEG NONE NONE NORML NORML NEG 5	3 1 NEG NONE LIGHT NORML NORML NEG 4
Silicon 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	>50 >20 >0.2 NONE NONE NONE NORML NORML	3 0 NEG NONE NONE NORML NORML NEG 4 243	4 0 NEG NONE NONE NORML NORML NEG 5 322	3 1 NEG NONE LIGHT NORML NORML NEG 4 272
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 NONE NORML NORML	3 0 NEG NONE NONE NORML NORML NEG 4 243 1	4 0 NEG NONE NONE NONE NORML NORML NEG 5 322 0	3 1 NEG NONE LIGHT NORML NORML NEG 4 272 0
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 ASTM D5185m	>50 >20 >0.2 NONE NONE NONE NORML NORML	3 0 NEG NONE NONE NORML NORML NEG 4 243 1 4	4 0 NEG NONE NONE NORML NORML NEG 5 322 0 4	3 1 NEG NONE LIGHT NORML NORML NEG 4 272 0 4
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 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 NONE NORML NORML	3 0 NEG NONE NONE NORML NORML NEG 4 243 1 4 243	4 0 NEG NONE NONE NORML NORML NEG 5 322 0 4 2	3 1 NEG NONE LIGHT NORML NORML NEG 4 272 0 4 272
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	>50 >20 >0.2 NONE NONE NONE NORML NORML	3 0 NEG NONE NONE NORML NORML NEG 4 243 1 4 243 1 4 2	4 0 NEG NONE NONE NORML NORML NEG 5 322 0 4 2 2 12	3 1 NEG NONE LIGHT NORML NORML NEG 4 272 0 4 272 0 4 272 0
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 ppm	ASTM D5185m ASTM D5185m WC Method *Visual *Visual *Visual *Visual *Visual ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m ASTM D5185m	>50 >20 >0.2 NONE NONE NONE NORML NORML	3 0 NEG NONE NONE NORML NORML NEG 4 243 1 4 243 1 4 22 16 247	4 0 NEG NONE NONE NORML NORML NEG 5 322 0 4 2 2 12 209	3 1 NEG NONE LIGHT NORML NORML NEG 4 272 0 4 272 0 4 272 0 1 6 163
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	>50 >20 >0.2 NONE NONE NONE NORML NORML	3 0 NEG NONE NONE NORML NORML NEG 4 243 1 4 243 1 4 243 1 1 4 22 16 247 2320	4 0 NEG NONE NONE NORML NORML NEG 5 322 0 4 2 2 12 209 2283	3 1 NEG NONE LIGHT NORML NORML NEG 4 272 0 4 272 0 4 272 0 16 163

Contact/Location: Service Manager - HANERW





: WearCheck USA - 501 Madison Ave., Cary, NC 27513 HANSON SOUTHEAST Laboratory Sample No. : ASC0008717 Received : 23 Apr 2024 NC HWY 117 Lab Number : 06158126 Tested : 24 Apr 2024 ERWIN, NC Unique Number : 10993549 Diagnosed : 24 Apr 2024 - Wes Davis US 28339 Test Package : CONST 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: Statements of conformity to specifications are based on the simple acceptance decision rule (JCGM 106:2012) F:

Contact/Location: Service Manager - HANERW Page 2 of 2