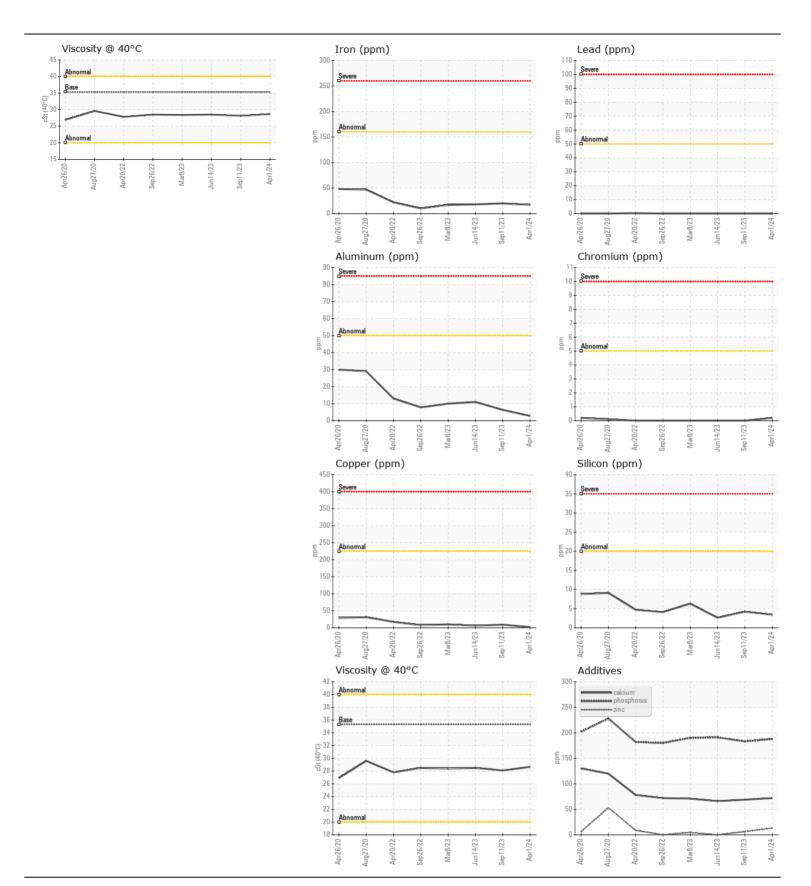


## Machine Id VOLVO A30G 742023

**Transmission (Auto)** 

Sample Number   Client Info	VOLVO AUTOMATIC TRANSM	IISSION FLUI	ID AT	102 (	GAL)			
Sample Date   Machine Age   Inst   Client Info     01 Apr 2024   11 Sep 2023   14 Jun   Machine Age   Inst   Client Info     0	RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Date   Client Info	Resample at the next service interval to monitor.	Sample Number		Client Info		VCP447044	VCP414673	VCP415942
Dil Age   hrs   Client Info   0   0   0   0   0   0   0   0   0		Sample Date		Client Info		01 Apr 2024	11 Sep 2023	14 Jun 2023
Filter Age		Machine Age	hrs	Client Info		8289	8246	7442
Oii Changed   Client Info		Oil Age	hrs	Client Info		0	2000	0
Filter Changed   Sample Status		Filter Age	hrs	Client Info		0	0	0
NORMAL   N		Oil Changed		Client Info		Not Changd	Changed	Changed
Iron		Filter Changed		Client Info		Changed	Changed	Changed
All component wear rates are normal.    Chromium   ppm   ASTM 05185m   55   <1   0   0   0     Nickel   ppm   ASTM 05185m   55   <1   1   <1     Titanium   ppm   ASTM 05185m   55   <1   0   0     Sliver   ppm   ASTM 05185m   55   <1   0   0   0     Aluminum   ppm   ASTM 05185m   55   <1   0   0   0     Aluminum   ppm   ASTM 05185m   55   <1   0   0   0     Aluminum   ppm   ASTM 05185m   55   <1   0   0   0   0     Copper   ppm   ASTM 05185m   50   0   0   0   0   0     Copper   ppm   ASTM 05185m   525   2   9   6     Tin   ppm   ASTM 05185m   50   0   0   0   0   0     Vanadium   ppm   ASTM 05185m   50   0   0   0   0   0     Value Metal   scalar   "Visual   NONE   NONE		Sample Status				NORMAL	NORMAL	NORMAL
Nicket	WEAR	Iron	ppm	ASTM D5185m	>160	17	20	18
Nickel   ppm   ASTM 05185m   5.5   <1   1   <1	All component wear rates are normal.	Chromium	ppm	ASTM D5185m	>5	<1	0	0
Silver   ppm   ASTM DS185m   >5   <1   0   0   0   0   0   0   0   0   0		Nickel	ppm	ASTM D5185m	>5	<1	1	<1
Aluminum   ppm   ASTM D5185m   >50   3   6   11		Titanium	ppm	ASTM D5185m		<1	0	0
Lead		Silver	ppm	ASTM D5185m	>5	<1	0	0
Copper		Aluminum	ppm	ASTM D5185m	>50	3	6	11
Tin		Lead	ppm	ASTM D5185m	>50	0	0	0
Vanadium		Copper	ppm	ASTM D5185m	>225	2	9	6
White Metal   Scalar *Visual   NONE   NONE		Tin	ppm	ASTM D5185m	>10	0	2	<1
Yellow Metal   scalar   *Visual   NONE   N		Vanadium	ppm	ASTM D5185m		0	0	0
Silicon   ppm   ASTM D5185m   >20   3   4   3		White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Potassium   ppm   ASTM D5185m   >20   1   1   0		Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Potassium   ppm   ASTM D5185m   >20   1   1   0	CONTAMINATION	Silicon	maa	ASTM D5185m	>20	3	4	3
Water   WC Method   >0.1   NEG   NEG   NEG   NEG								
Silt   Scalar *Visual   NONE   NORML		Water				NEG	NEG	NEG
Debris   Scalar   *Visual   NONE   NORML   NO		Silt	scalar		NONE	NONE		NONE
Appearance   Scalar   *Visual   NORML   NORM							NONE	NONE
Dodor   Scalar   *Visual   NORML   N		Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Emulsified Water   scalar *Visual   >0.1   NEG   NEG   NEG		Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Sodium   ppm   ASTM D5185m   c1   2   3		Odor	scalar	*Visual	NORML	NORML	NORML	NORML
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.    Boron   ppm   ASTM D5185m   187   92   83   89		Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
The AN level is acceptable for this fluid. The condition of the oil is suitable for further service.    Boron   ppm   ASTM D5185m   187   92   83   89	FLUID CONDITION	Sodium	ppm	ASTM D5185m		<1	2	3
suitable for further service.         Barium         ppm         ASTM D5185m         0.0         0         2         0           Molybdenum         ppm         ASTM D5185m         0.0         <1		Boron	ppm	ASTM D5185m	187	92	83	89
Manganese         ppm         ASTM D5185m         0.0         <1		Barium	ppm	ASTM D5185m	0.0	0	2	0
Magnesium         ppm         ASTM D5185m         6.8         2         2         0           Calcium         ppm         ASTM D5185m         215         72         69         66           Phosphorus         ppm         ASTM D5185m         445         188         183         191           Zinc         ppm         ASTM D5185m         56         13         6         0           Sulfur         ppm         ASTM D5185m         1336         1926         1953         221		Molybdenum	ppm	ASTM D5185m	0.0	<1	<1	0
Calcium         ppm         ASTM D5185m         215         72         69         66           Phosphorus         ppm         ASTM D5185m         445         188         183         191           Zinc         ppm         ASTM D5185m         56         13         6         0           Sulfur         ppm         ASTM D5185m         1336         1926         1953         221		Manganese	ppm	ASTM D5185m	0.0	<1	<1	0
Phosphorus         ppm         ASTM D5185m         445         188         183         191           Zinc         ppm         ASTM D5185m         56         13         6         0           Sulfur         ppm         ASTM D5185m         1336         1926         1953         221		Magnesium	ppm	ASTM D5185m	6.8	2	2	0
Zinc         ppm         ASTM D5185m         56         13         6         0           Sulfur         ppm         ASTM D5185m         1336         1926         1953         221		Calcium	ppm	ASTM D5185m	215	72	69	66
Sulfur         ppm         ASTM D5185m         1336         1926         1953         221		Phosphorus	ppm	ASTM D5185m	445	188	183	191
		Zinc	ppm	ASTM D5185m	56	13	6	0
Visc @ 40°C cSt ASTM D445 35.3 ( 28.66 ) 28.1 28.		Sulfur	ppm	ASTM D5185m	1336	1926	1953	2210
		Visc @ 40°C	cSt	ASTM D445	35.3	28.66	28.1	28.5







Certificate L2367

Laboratory Sample No.

: VCP447044 Lab Number : 06192644 Unique Number: 11049396 Test Package : MOB 1

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 28 May 2024 **Tested** : 03 Jun 2024

: 03 Jun 2024 - Don Baldridge Diagnosed

Contact: PM Services PMServices@ripaconstruction.com

**RIPA AND ASSOCIATES** 

10149 FISHER AVENUE

To discuss this sample report, contact Customer Service at 1-800-237-1369.

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\* - 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) TAMPA, FL

US 33619

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