WEAR CONTAMINATION FLUID CONDITION

NORMAL NORMAL

Area

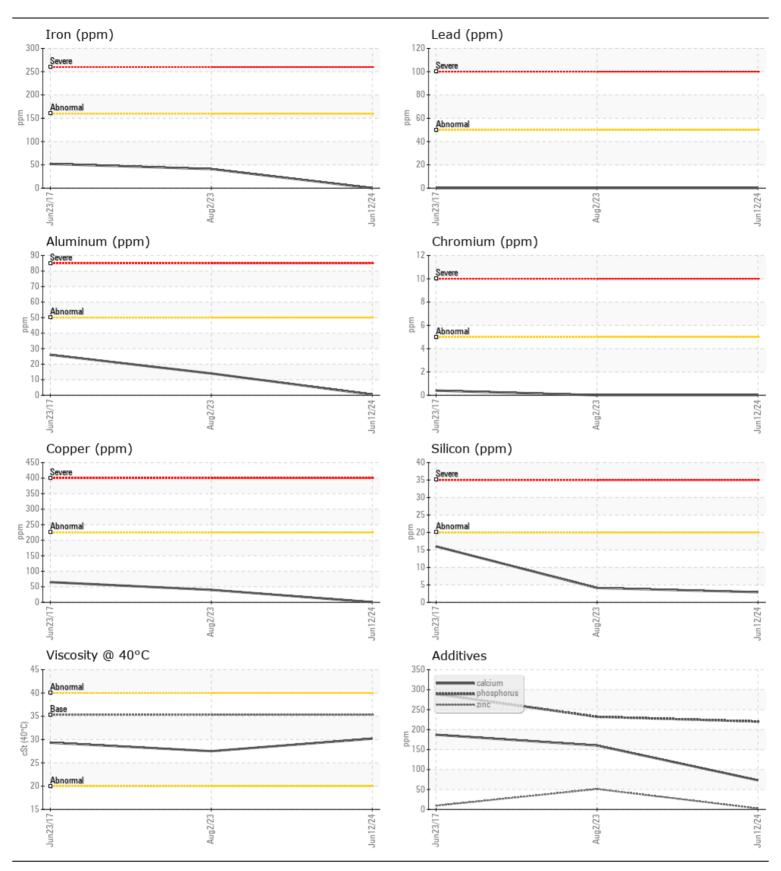
## [G08870]

## VOLVO A30G 740081

Transmission (Auto)

VOLVO AUTOMATIC TRANSMISSION FLUID AT102 (--- GAL)

Sample Number   Client Info   VCP440217   VCP435215   VCP1920   Sample Date   Client Info   12 Jun 2024   10 Jun	VOLVO AUTOMATIC TRANS	SMISSION FLU	D AT	102 (	GAL)			
Sample Date   Cilent Into   1	RECOMMENDATION	Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Date   Client Info   12 Jun 2024   22 Jun 2025   23 Jun 2016   Machine Age   hrs   Client Info   12002   10546   2040   2016	Resample at the next service interval to monitor.	Sample Number		Client Info		VCP440217	VCP435215	VCP192003
Oil Age		Sample Date		Client Info		12 Jun 2024	02 Aug 2023	23 Jun 2017
Filter Age		Machine Age	hrs	Client Info		12002	10546	2048
Mathematical Part   Mat		Oil Age	hrs	Client Info		0	0	1000
Filter Changed   Sample Status   Sample Stat		Filter Age	hrs	Client Info		0	0	0
		Oil Changed		Client Info		N/A	N/A	Changed
Iron		Filter Changed		Client Info		N/A	N/A	Changed
All component wear rates are normal.    Chromium   ppm   ASTM DS185m   55   0   0   <1   11		Sample Status				NORMAL	NORMAL	NORMAL
Nickel   ppm   ASTM 05185m   >5   <1   7   11     Titanium   ppm   ASTM 05185m   >5   <1   0   0   <1   0     Silver   ppm   ASTM 05185m   >5   0   0   0   0     Aluminum   ppm   ASTM 05185m   >50   0   0   0     Aluminum   ppm   ASTM 05185m   >50   0   0   0     Aluminum   ppm   ASTM 05185m   >50   0   0   0     Copper   ppm   ASTM 05185m   >225   <1   40   65     Tin   ppm   ASTM 05185m   >225   <1   40   65     Tin   ppm   ASTM 05185m   >225   <1   40   65     Tin   ppm   ASTM 05185m   >10   <1   4   8     Vanadium   ppm   ASTM 05185m   >10   <1   4   8     Vanadium   ppm   ASTM 05185m   >0   0   <1   0     White Metal   scalar   Visual   NONE   NONE   NONE   NONE     Vellow Metal   scalar   Visual   NONE   NONE   NONE   NONE     Valer   WC Method   >0.1   NEG   NEG     Sit   scalar   Visual   NONE   NONE   NONE   NONE     Debris   scalar   Visual   NONE   NONE   NONE   NONE     Appearance   scalar   Visual   NONE   NONE   NONE   NONE     Appearance   scalar   Visual   NORM   NORM   NONE   NONE     Appearance   scalar   Visual   NORM   NORM   NORM   NORM     Appearance   scalar   Visual   NORM   NORM   NORM   NORM   NORM     Appearance   scalar   Visual   NORM	WEAR	Iron	ppm	ASTM D5185m	>160	0	41	52
Nickel   ppm   ASTM D5185m   ppm   ASTM D5185m   ppm   ppm   ASTM D5185m   ppm   p	All component wear rates are normal.	Chromium	ppm	ASTM D5185m	>5	0	0	<1
Silver		Nickel	ppm	ASTM D5185m	>5	<1	7	11
Aluminum   ppm   ASTM D5185m   5-50   c   c   c   c   c   c   c   c   c		Titanium	ppm	ASTM D5185m		0	<1	0
Lead		Silver	ppm	ASTM D5185m	>5	0	0	0
Copper		Aluminum	ppm	ASTM D5185m	>50	<1	14	26
Tin		Lead	ppm	ASTM D5185m	>50	0	0	0
Vanadium   ppm   ASTM D5185m   0   <1   0   0       White Metal   scalar   *Visual   NONE		Copper	ppm	ASTM D5185m	>225	<1	40	65
White Metal   Scalar   *Visual   NONE   NO		Tin	ppm	ASTM D5185m	>10	<1	4	8
Yellow Metal   scalar   Visual   NONE   NONE   NONE   NONE		Vanadium	ppm	ASTM D5185m		0	<1	0
Silicon   ppm   ASTM D5185m   >20   3   4   16		White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Potassium   ppm   ASTM D5185m   >20   3   0   6   NEG   NE		Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Water	CONTAMINATION	Silicon	ppm	ASTM D5185m	>20	3	4	16
Water	There is no indication of any contamination in the oil.	Potassium	ppm	ASTM D5185m	>20	3	0	6
Debris   Scalar   *Visual   NONE   NONE   NONE   NONE   NONE   Sand/Dirt   Scalar   *Visual   NONE   NORML   NOR		Water		WC Method	>0.1	NEG	NEG	NEG
Sand/Dirt   scalar   *Visual   NONE   NONE   NONE   NONE   Appearance   scalar   *Visual   NORML   N		Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance   Scalar   *Visual   NORML   NORM		Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Odor		Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Emulsified Water   scalar   *Visual   >0.1   NEG   NEG   NEG		Appearance	scalar	*Visual	NORML	NORML	NORML	NORMI
Sodium   ppm   ASTM D5185m   2   6   8		Odor	scalar	*Visual	NORML	NORML	NORML	NORMI
Boron   ppm   ASTM D5185m   187   90   90   83		Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG
Barium ppm ASTM D5185m 0.0 0 0 2  Molybdenum ppm ASTM D5185m 0.0 0 3 0  Manganese ppm ASTM D5185m 0.0 <1 <1 7  Magnesium ppm ASTM D5185m 6.8 2 35 2  Calcium ppm ASTM D5185m 215 73 160 187  Phosphorus ppm ASTM D5185m 445 220 232 289  Zinc ppm ASTM D5185m 56 2 51 9	FLUID CONDITION	Sodium	ppm	ASTM D5185m		2	6	8
Barium         ppm         ASTM D5185m         0.0         0         0         2           Molybdenum         ppm         ASTM D5185m         0.0         0         3         0           Manganese         ppm         ASTM D5185m         0.0         <1	The condition of the oil is acceptable for the time in service.	Boron	ppm	ASTM D5185m	187	90	90	83
Manganese         ppm         ASTM D5185m         0.0         <1		Barium	ppm	ASTM D5185m	0.0	0	0	2
Magnesium         ppm         ASTM D5185m         6.8         2         35         2           Calcium         ppm         ASTM D5185m         215         73         160         187           Phosphorus         ppm         ASTM D5185m         445         220         232         289           Zinc         ppm         ASTM D5185m         56         2         51         9		Molybdenum	ppm	ASTM D5185m	0.0	0	3	0
Calcium         ppm         ASTM D5185m         215         73         160         187           Phosphorus         ppm         ASTM D5185m         445         220         232         289           Zinc         ppm         ASTM D5185m         56         2         51         9		Manganese	ppm	ASTM D5185m	0.0	<1	<1	7
Phosphorus         ppm         ASTM D5185m         445         220         232         289           Zinc         ppm         ASTM D5185m         56         2         51         9		Magnesium	ppm	ASTM D5185m	6.8	2	35	2
<b>Zinc</b> ppm ASTM D5185m 56 <b>2</b> 51 9		Calcium	ppm	ASTM D5185m	215	73	160	187
·		Phosphorus	ppm	ASTM D5185m	445	220	232	289
Sulfur         ppm         ASTM D5185m         1336         2143         2227         1459		Zinc	ppm	ASTM D5185m	56	2	51	9
		Sulfur	ppm	ASTM D5185m	1336	2143	2227	1459





Certificate L2367

Laboratory Sample No. Lab Number

: VCP440217 : 06212607 Unique Number : 11085471 Test Package : MOB 1

: WearCheck USA - 501 Madison Ave., Cary, NC 27513 Received : 17 Jun 2024 **Tested** : 19 Jun 2024

: 19 Jun 2024 - Angela Borella Diagnosed

**OCEAN COUNTY LANDFILL** 

PO BOX 207 BELLFORD, NJ US 07718

T: (732)787-0226

Contact: SERVICE MANAGER

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)

F: (732)495-6225

Contact/Location: SERVICE MANAGER - OCEBED