

Machine Id

RECOMMENDATION

VOLVO A30G 753658

Transmission (Auto)

VOLVO AUTOMATIC TRANSMISSION FLUID AT102 (--- GAL)

Visc @ 40°C

cSt

ASTM D445 35.3

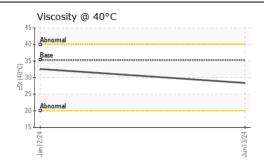
Resample at the next service interval to monitor.	Sample Number	
·	Sample Date	
	Machine Age	hrs
	Oil Age	hrs
	Filter Age	hrs
	Oil Changed	
	Filter Changed	
	Sample Status	
WEAR		
WEAN	Iron	ppm
All component wear rates are normal.	Chromium	ppm
	Nickel	ppm
	Titanium	ppm
	Silver	ppm
	Aluminum	ppm
	Lead	ppm
	Copper	ppm
	Tin	ppm
	Vanadium	ppm
	White Metal	scalar
	Yellow Metal	scalar
CONTAMINATION	Silicon	ppm
There is no indication of any contamination in the fluid.	Potassium	ppm
	Water	
	Silt	scalar
	Debris	scalar
	Sand/Dirt	scalar
	Appearance	scalar
	Odor	scalar
	Emulsified Water	scalar
FLUID CONDITION	Sodium	ppm
The condition of the fluid is acceptable for the time in service.	Boron	ppm
·	Barium	ppm
	Molybdenum	ppm
	Manganese	ppm
	Magnesium	ppm
	Calcium	maa

SION FLU	DAI	102 (	GAL)			
Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ASC0011239	VCP436541	
Sample Date		Client Info		13 Jun 2024	12 Jan 2024	
Machine Age	hrs	Client Info		813	13	
Oil Age	hrs	Client Info		813	13	
Filter Age	hrs	Client Info		813	0	
Oil Changed		Client Info		Not Changd	Not Changd	
Filter Changed		Client Info		Changed	Not Changd	
Sample Status				NORMAL	NORMAL	
			4.00	40		
Iron	ppm	ASTM D5185m	>160	16	8	
Chromium	ppm	ASTM D5185m	>5	0	<1	
Nickel	ppm	ASTM D5185m	>5	1	0	
Titanium	ppm	ASTM D5185m		0	0	
Silver	ppm	ASTM D5185m	>5	0	0	
Aluminum	ppm	ASTM D5185m	>50	13	2	
Lead	ppm	ASTM D5185m	>50	0	0	
Copper	ppm	ASTM D5185m	>225	12	4	
Tin	ppm	ASTM D5185m	>10	4	0	
Vanadium	ppm	ASTM D5185m		0	0	
White Metal	scalar	*Visual	NONE	NONE	NONE	
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	
Silicon	ppm	ASTM D5185m	>20	9	15	
Potassium	ppm	ASTM D5185m	>20	4	2	
Water	ppm	WC Method	>0.1	NEG	NEG	
Silt	scalar	*Visual	NONE	NONE	NONE	
Debris	scalar	*Visual	NONE	LIGHT	LIGHT	
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	
Appearance	scalar	*Visual	NORML	NORML	NORML	
Odor	scalar	*Visual	NORML	NORML	NORML	
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	
Sodium	ppm	ASTM D5185m		5	0	
Boron	ppm	ASTM D5185m	187	81	104	
Barium	ppm	ASTM D5185m	0.0	0	3	
Molybdenum	ppm	ASTM D5185m	0.0	0	0	
Manganese	ppm	ASTM D5185m	0.0	2	3	
Magnesium	ppm	ASTM D5185m	6.8	1	0	
Calcium	ppm	ASTM D5185m	215	74	74	
Phosphorus	ppm	ASTM D5185m	445	218	249	
Zinc	ppm	ASTM D5185m	56	5	0	
Sulfur	ppm	ASTM D5185m	1336	2294	2166	
	cSt	ASTM D445	25.2	28.4	32.6	

Contact/Location: Service Manager - CARRALVCP

32.6

28.4



Ferrous Alloys 16 15 14 ickel 13 12 10 ppm 0 Non-ferrous Metals 10 8 ppm Viscosity @ 40°C 42 40 38 31 3 32 (10°C) St 28 21 24 22 Ał 20 18 Jan 12/24 -Jun13/24

> **CARDINAL CIVIL** 4700 FALLS OF NEUSE RD, SUITE 370 RALEIGH, NC : 20 Jun 2024 - Don Baldridge US 27609 Contact: Service Manager

Test Package : CONST Certificate L2367 To discuss this sample report, contact Customer Service at 1-800-237-1369.

: ASC0011239

\* - 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)

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

Received

Diagnosed

Tested

: 18 Jun 2024

: 19 Jun 2024

T: (919)324-1964 F:

Laboratory

Sample No.

Lab Number : 06213943

Unique Number : 11086807

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