

OIL ANALYSIS REPORT

Sample Rating Trend







[W/O 10612] VOLVO A30G 752750

Component
Transmission (Auto)

Fluid VOLVO AUTOMATIC TRANSMISSION FLUID AT102 (11 GAL)

DIAGNOSIS

Recommendation

Resample at the next service interval to monitor.

Wear

All component wear rates are normal.

Contamination

There is no indication of any contamination in the fluid.

Fluid Condition

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

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SSION FLUID AT102	(II GAL)			Apr2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		ML0001158		
Sample Date		Client Info		10 Apr 2024		
Machine Age	hrs	Client Info		1823		
Oil Age	hrs	Client Info		1823		
Oil Changed		Client Info		Changed		
Sample Status				NORMAL		
CONTAMINATIO	N	method	limit/base	current	history1	history2
Water		WC Method	>0.1	NEG		
WEAR METALS		method	limit/base	current	history1	history2
ron	ppm	ASTM D5185m	>160	44		
Chromium	ppm	ASTM D5185m	>5	0		
Nickel	ppm	ASTM D5185m	>5	<1		
Fitanium	ppm	ASTM D5185m		0		
Silver	ppm	ASTM D5185m	>5	0		
Aluminum	ppm	ASTM D5185m	>50	30		
_ead	ppm	ASTM D5185m	>50	<1		
Copper	ppm	ASTM D5185m	>225	23		
-in	ppm	ASTM D5185m	>10	6		
/anadium	ppm	ASTM D5185m		0		
Cadmium	ppm	ASTM D5185m		0		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	187	71		
Barium	ppm	ASTM D5185m	0.0	0		
Nolybdenum	ppm	ASTM D5185m	0.0	0		
Manganese	ppm	ASTM D5185m	0.0	5		
Magnesium	ppm	ASTM D5185m	6.8	0		
Calcium	ppm	ASTM D5185m	215	127		
Phosphorus	ppm	ASTM D5185m	445	195		
Zinc	ppm	ASTM D5185m	56	20		
Sulfur	ppm	ASTM D5185m	1336	2067		
CONTAMINANTS	8	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>20	19		
Sodium	ppm	ASTM D5185m		4		
Potassium	ppm	ASTM D5185m	>20	3		
VISUAL		method	limit/base	current	history1	history2
Vhite Metal	scalar	*Visual	NONE	NONE		
ellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.1	NEG		
\\/	a a a la ::	*\ /:		NEO		

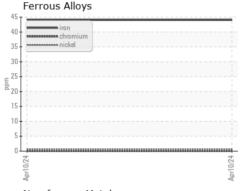
scalar *Visual



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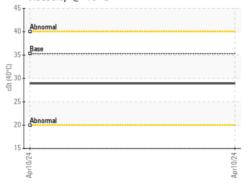
Visc @ 40°C cSt ASTM D445 35.3 28.9 SAMPLE IMAGES method limit/base current Color no image	history1	history2
Color no image		
	no image	no image
Bottom no image	no image	no image



Non-ferrous Metals



Viscosity @ 40°C







Laboratory

Sample No. : ML0001158 Lab Number : 06155395

Unique Number : 10990818

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

Diagnosed

: 22 Apr 2024 : 24 Apr 2024 - Don Baldridge

MCCLUNG-LOGAN EQUIPMENT CO - BALTIMORE 4601 WASHINGTON BOULEVARD BALTIMORE, MD US 21227

Test Package : CONST Certificate 12367 To discuss this sample report, contact Customer Service at 1-800-237-1369.

Contact: DELANO GREGORY dgregory@mcclung-logan.com T:

* - 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)

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