



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area

[TUCKER]

Machine Id

VOLVO A25G 752438

Component

Transmission (Auto)

Fluid

VOLVO AUTOMATIC TRANSMISSION FLUID AT102 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP447468	VCP382858	VCP389811
Sample Date		Client Info		20 Mar 2024	22 Feb 2023	18 Oct 2022
Machine Age	hrs	Client Info		2811	1047	523
Oil Age	hrs	Client Info		0	1047	500
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changed	Not Changed	Not Changed
Filter Changed		Client Info		Not Changed	Changed	Not Changed
Sample Status				NORMAL	NORMAL	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>175	42	24	16
Chromium	ppm	ASTM D5185m	>2	<1	0	0
Nickel	ppm	ASTM D5185m	>5	3	2	1
Titanium	ppm	ASTM D5185m	>5	<1	0	0
Silver	ppm	ASTM D5185m	>2	<1	0	0
Aluminum	ppm	ASTM D5185m	>50	27	15	8
Lead	ppm	ASTM D5185m	>75	<1	0	0
Copper	ppm	ASTM D5185m	>400	23	16	13
Tin	ppm	ASTM D5185m	>20	7	4	2
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

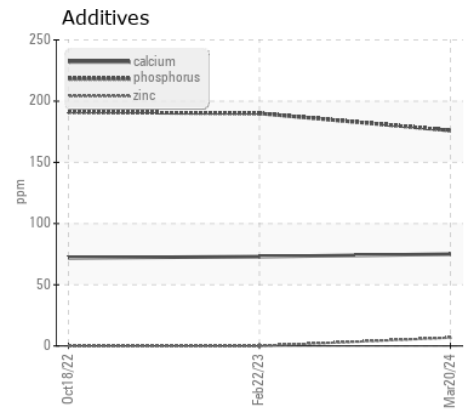
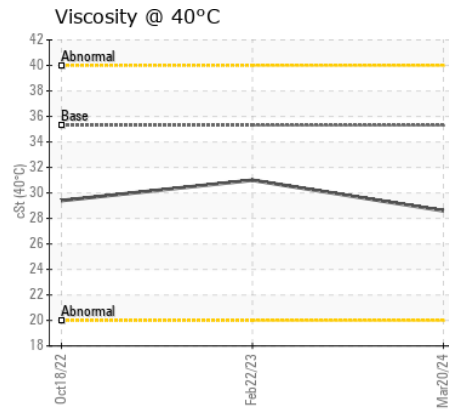
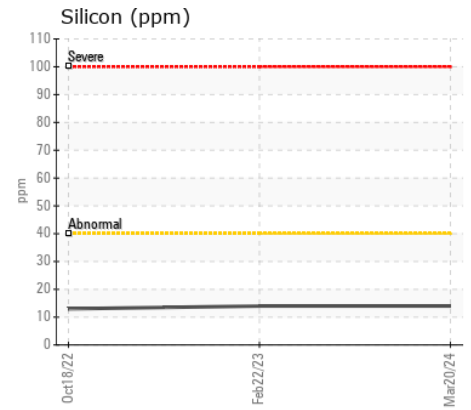
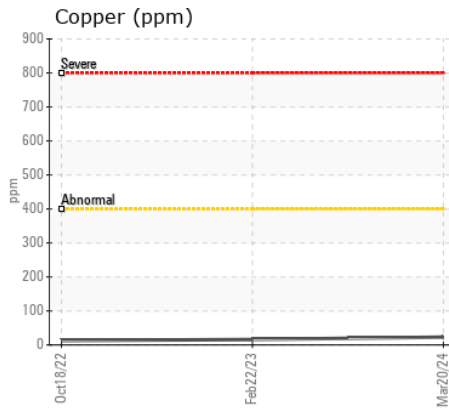
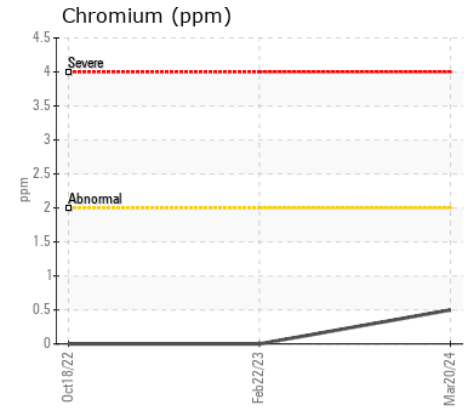
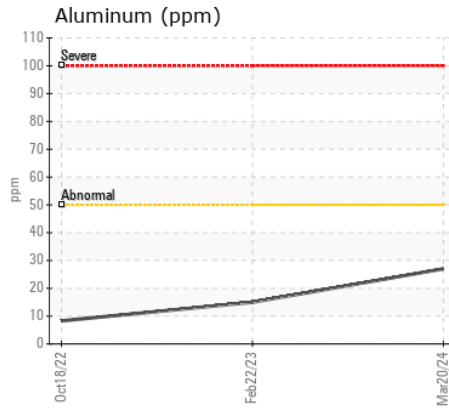
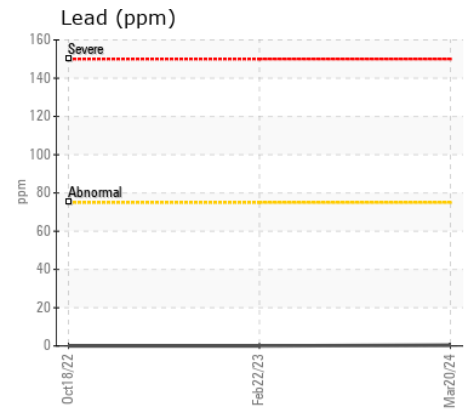
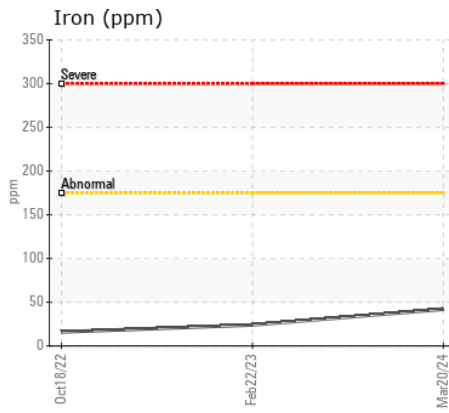
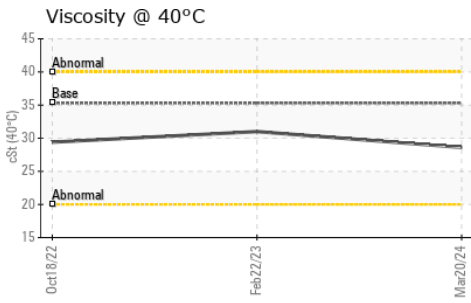
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>40	14	14	13
Potassium	ppm	ASTM D5185m	>20	6	2	0
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	NONE	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	NONE	NONE
Sand/Dirt	scalar	*Visual	NONE	NONE	NONE	NONE
Appearance	scalar	*Visual	NORML	NORML	NORML	NORML
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.1	NEG	NEG	NEG

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		5	3	2
Boron	ppm	ASTM D5185m	187	77	72	79
Barium	ppm	ASTM D5185m	0.0	0	0	0
Molybdenum	ppm	ASTM D5185m	0.0	<1	0	0
Manganese	ppm	ASTM D5185m	0.0	4	3	2
Magnesium	ppm	ASTM D5185m	6.8	1	<1	0
Calcium	ppm	ASTM D5185m	215	75	73	72
Phosphorus	ppm	ASTM D5185m	445	176	190	191
Zinc	ppm	ASTM D5185m	56	7	0	0
Sulfur	ppm	ASTM D5185m	1336	1718	1871	1875
Visc @ 40°C	cSt	ASTM D445	35.3	28.6	31.0	29.4



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VCP447468
Lab Number : 06188145
Unique Number : 11044897
Test Package : MOB 1

Received : 22 May 2024
Tested : 24 May 2024
Diagnosed : 24 May 2024 - Sean Felton

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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)