



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Machine Id
VOLVO A40G 353284

Component
Transmission

Fluid
VOLVO AUTOMATIC TRANSMISSION FLUID AT102 (10 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ML0000022	---	---
Sample Date		Client Info		08 Apr 2024	---	---
Machine Age	hrs	Client Info		1102	---	---
Oil Age	hrs	Client Info		1102	---	---
Filter Age	hrs	Client Info		1102	---	---
Oil Changed		Client Info		Not Changed	---	---
Filter Changed		Client Info		Not Changed	---	---
Sample Status				NORMAL	---	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>100	35	---	---
Chromium	ppm	ASTM D5185m	>20	<1	---	---
Nickel	ppm	ASTM D5185m	>10	3	---	---
Titanium	ppm	ASTM D5185m		<1	---	---
Silver	ppm	ASTM D5185m		0	---	---
Aluminum	ppm	ASTM D5185m	>50	24	---	---
Lead	ppm	ASTM D5185m	>50	<1	---	---
Copper	ppm	ASTM D5185m	>300	22	---	---
Tin	ppm	ASTM D5185m	>50	5	---	---
Vanadium	ppm	ASTM D5185m		0	---	---
White Metal	scalar	*Visual	NONE	NONE	---	---
Yellow Metal	scalar	*Visual	NONE	NONE	---	---

CONTAMINATION

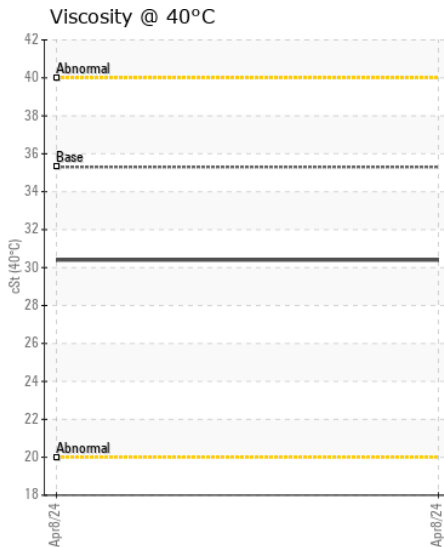
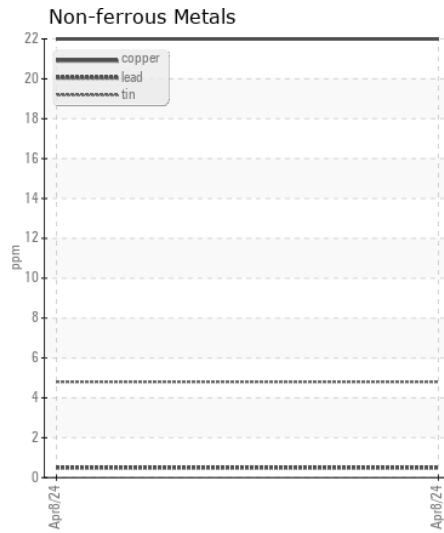
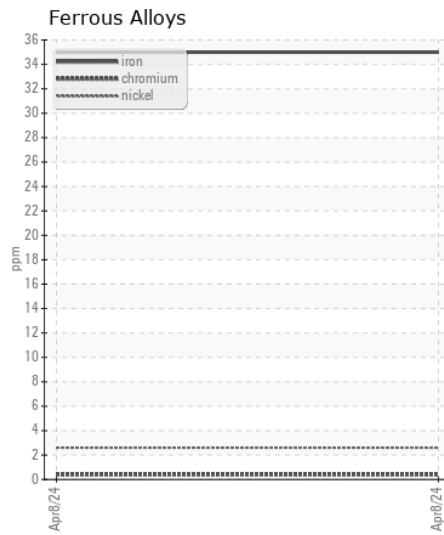
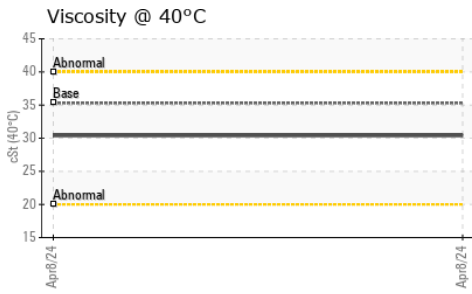
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>50	19	---	---
Potassium	ppm	ASTM D5185m	>20	4	---	---
Water		WC Method	>0.2	NEG	---	---
Silt	scalar	*Visual	NONE	LIGHT	---	---
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	>0.2	NEG	---	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		4	---	---
Boron	ppm	ASTM D5185m	187	85	---	---
Barium	ppm	ASTM D5185m	0.0	0	---	---
Molybdenum	ppm	ASTM D5185m	0.0	<1	---	---
Manganese	ppm	ASTM D5185m	0.0	6	---	---
Magnesium	ppm	ASTM D5185m	6.8	2	---	---
Calcium	ppm	ASTM D5185m	215	115	---	---
Phosphorus	ppm	ASTM D5185m	445	224	---	---
Zinc	ppm	ASTM D5185m	56	4	---	---
Sulfur	ppm	ASTM D5185m	1336	2184	---	---
Visc @ 40°C	cSt	ASTM D445	35.3	30.4	---	---



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : ML0000022
Lab Number : 06147826
Unique Number : 10977904
Test Package : CONST

Received : 12 Apr 2024
Tested : 15 Apr 2024
Diagnosed : 16 Apr 2024 - Don Baldrige

PLEASANT EXCAVATING COMPANY INC
 24024 FREDERICK ROAD
 CLARKSBURG, MD
 US 20871

Contact: H TRENT
 HTRENT@PLEASANTS.ORG

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)

T: (301)252-5635

F: