



WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
[W/O 10396]
Machine Id
VOLVO A30G 742580
Component
Transmission (Auto)
Fluid
VOLVO AT 102 (11 GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		ML0000056	VCP292801	---
Sample Date		Client Info		26 Feb 2024	06 Nov 2020	---
Machine Age	hrs	Client Info		4055	2071	---
Oil Age	hrs	Client Info		1984	0	---
Filter Age	hrs	Client Info		984	0	---
Oil Changed		Client Info		Changed	Changed	---
Filter Changed		Client Info		Changed	Changed	---
Sample Status				NORMAL	NORMAL	---

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>160	27	48	---
Chromium	ppm	ASTM D5185m	>5	<1	<1	---
Nickel	ppm	ASTM D5185m	>5	4	6	---
Titanium	ppm	ASTM D5185m		<1	0	---
Silver	ppm	ASTM D5185m	>5	0	<1	---
Aluminum	ppm	ASTM D5185m	>50	17	32	---
Lead	ppm	ASTM D5185m	>50	<1	0	---
Copper	ppm	ASTM D5185m	>225	29	48	---
Tin	ppm	ASTM D5185m	>10	5	8	---
Vanadium	ppm	ASTM D5185m		<1	0	---
White Metal	scalar	*Visual	NONE	NONE	NONE	---
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	---

CONTAMINATION

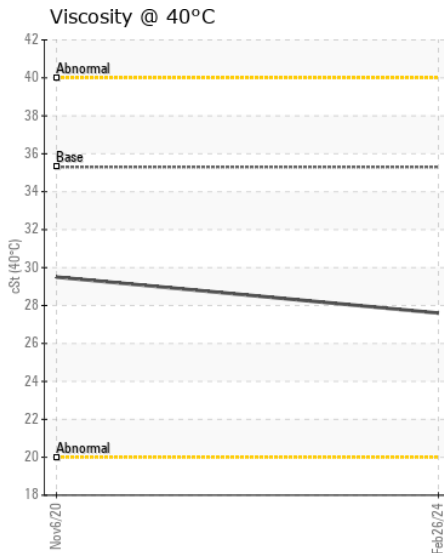
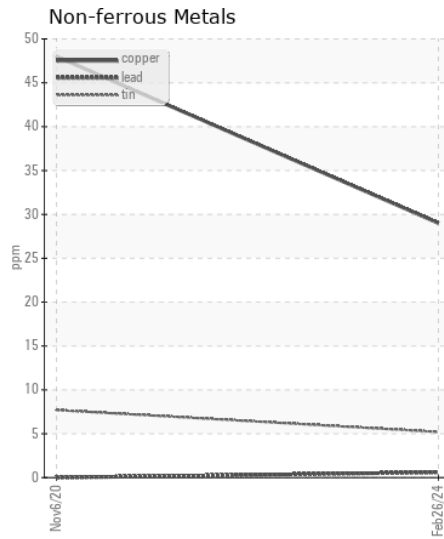
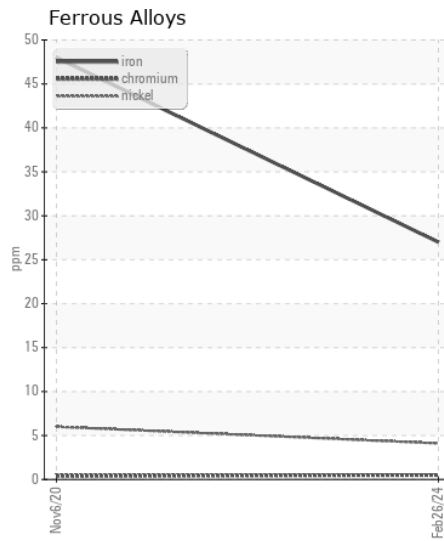
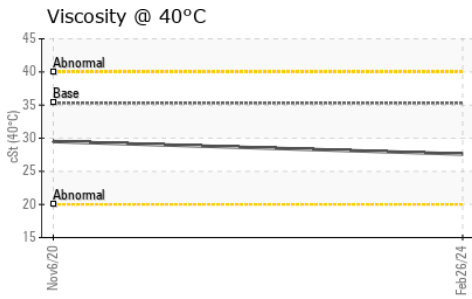
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m	>20	8	15	---
Potassium	ppm	ASTM D5185m	>20	3	3	---
Water		WC Method	>0.1	NEG	NEG	---
Silt	scalar	*Visual	NONE	NONE	NONE	---
Debris	scalar	*Visual	NONE	NONE	NONE	---
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	---

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		5	6	---
Boron	ppm	ASTM D5185m	187	73	84	---
Barium	ppm	ASTM D5185m	0.0	2	0	---
Molybdenum	ppm	ASTM D5185m	0.0	1	<1	---
Manganese	ppm	ASTM D5185m	0.0	3	6	---
Magnesium	ppm	ASTM D5185m	6.8	1	<1	---
Calcium	ppm	ASTM D5185m	215	106	162	---
Phosphorus	ppm	ASTM D5185m	445	202	261	---
Zinc	ppm	ASTM D5185m	56	11	4	---
Sulfur	ppm	ASTM D5185m	1336	1672	1096	---
Visc @ 40°C	cSt	ASTM D445	35.3	27.6	29.5	---



Certificate L2367

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

Sample No. : ML0000056

Lab Number : 06103944

Unique Number : 10902174

Test Package : CONST

Received : 28 Feb 2024

Tested : 29 Feb 2024

Diagnosed : 01 Mar 2024 - Don Baldrige

RELIABLE CONTRACTING

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GAMBRILLS, MD

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F:

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)