



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	ABNORMAL
FLUID CONDITION	NORMAL



Machine Id
VOLVO A35F 10351
Component
Transmission (Auto)
Fluid
VOLVO AT 102 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

WEAR

All component wear rates are normal.

CONTAMINATION

There is a moderate amount of visible silt present in the sample.

FLUID CONDITION

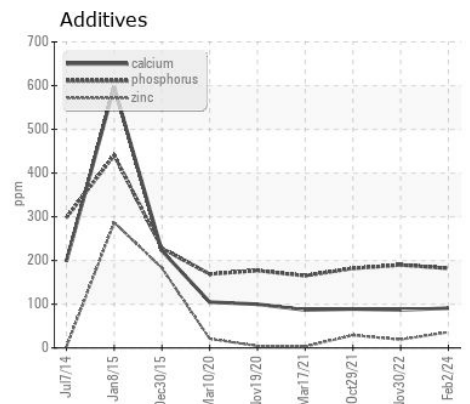
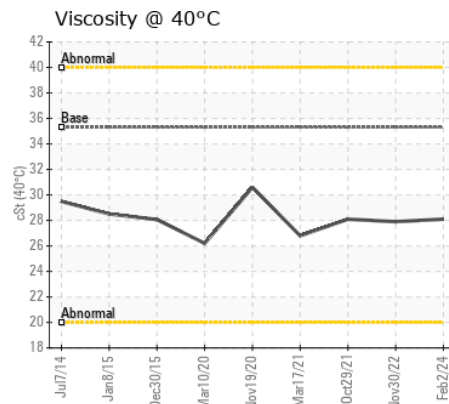
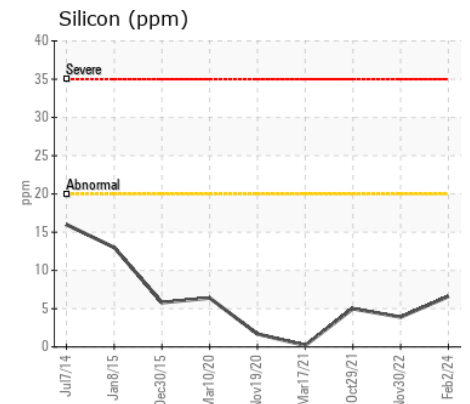
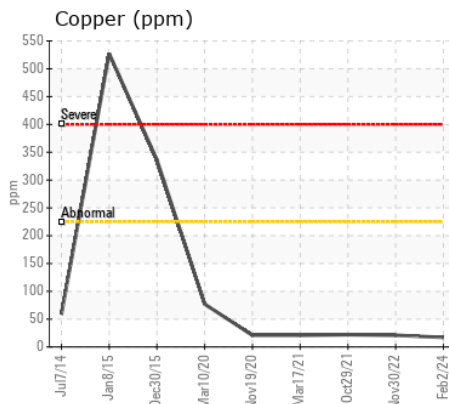
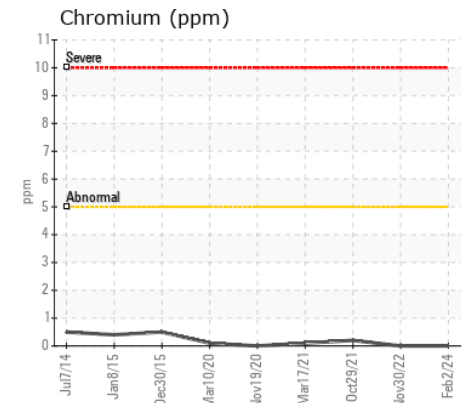
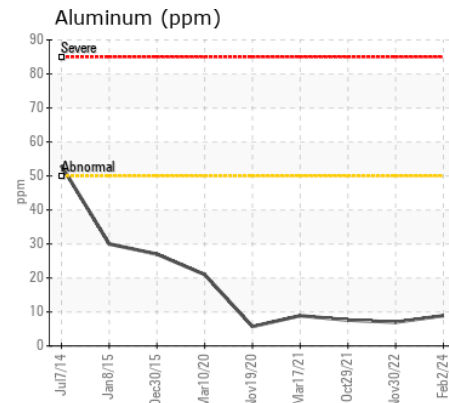
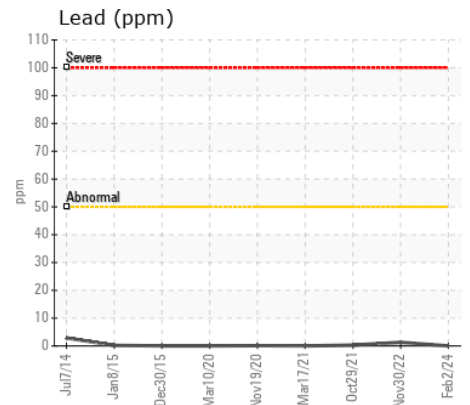
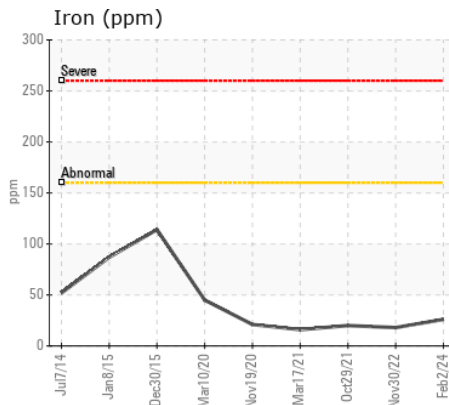
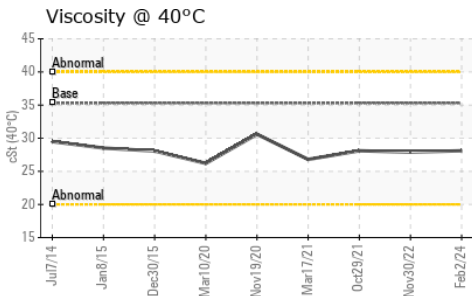
The condition of the fluid is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP449079	VCP386238	VCP340272
Sample Date		Client Info		02 Feb 2024	30 Nov 2022	29 Oct 2021
Machine Age	hrs	Client Info		13818	13003	12669
Oil Age	hrs	Client Info		0	1500	1500
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				ABNORMAL	ABNORMAL	NORMAL

Iron	ppm	ASTM D5185m	>160	26	18	20
Chromium	ppm	ASTM D5185m	>5	0	0	<1
Nickel	ppm	ASTM D5185m	>5	<1	2	1
Titanium	ppm	ASTM D5185m		0	0	<1
Silver	ppm	ASTM D5185m	>5	0	0	3
Aluminum	ppm	ASTM D5185m	>50	9	7	8
Lead	ppm	ASTM D5185m	>50	0	1	<1
Copper	ppm	ASTM D5185m	>225	17	21	22
Tin	ppm	ASTM D5185m	>10	1	1	1
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	▲ MODER	LIGHT
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185m	>20	7	4	5
Potassium	ppm	ASTM D5185m	>20	2	2	<1
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	*Visual	NONE	▲ MODER	NONE	NONE
Debris	scalar	*Visual	NONE	NONE	▲ MODER	LIGHT
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

Sodium	ppm	ASTM D5185m		4	4	0
Boron	ppm	ASTM D5185m	187	61	69	70
Barium	ppm	ASTM D5185m	0.0	0	0	0
Molybdenum	ppm	ASTM D5185m	0.0	0	<1	<1
Manganese	ppm	ASTM D5185m	0.0	0	<1	<1
Magnesium	ppm	ASTM D5185m	6.8	3	2	1
Calcium	ppm	ASTM D5185m	215	91	87	89
Phosphorus	ppm	ASTM D5185m	445	182	190	182
Zinc	ppm	ASTM D5185m	56	36	19	29
Sulfur	ppm	ASTM D5185m	1336	1975	1911	1622
Visc @ 40°C	cSt	ASTM D445	35.3	28.1	27.9	28.1



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VCP449079 **Received** : 25 Apr 2024
Lab Number : 06160823 **Tested** : 26 Apr 2024
Unique Number : 10996246 **Diagnosed** : 29 Apr 2024 - Don Baldrige
Test Package : MOB 1

RIPA AND ASSOCIATES
 10149 FISHER AVENUE
 TAMPA, FL
 US 33619

Contact: PM Services
 PMServices@ripaconstruction.com

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)

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F: