



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
[8-388972]
Machine Id
16-8017
Component
Transmission (Auto)
Fluid
VOLVO AT 102 (--- GAL)

RECOMMENDATION

Confirm the source of the lubricant being utilized for top-up/fill.
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

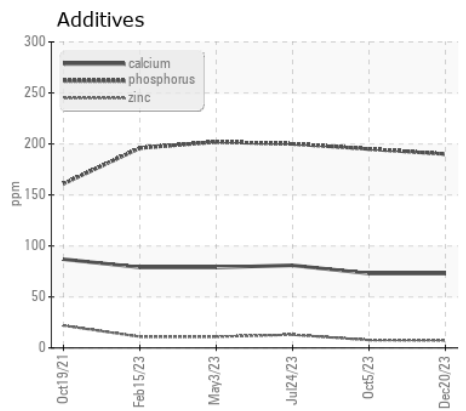
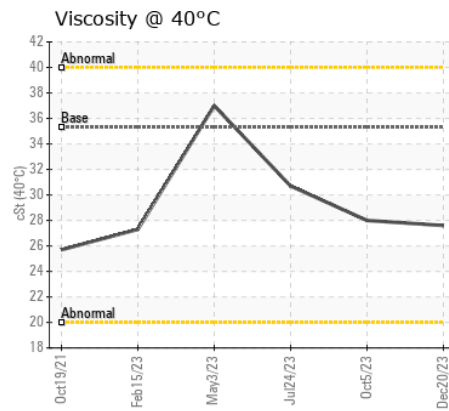
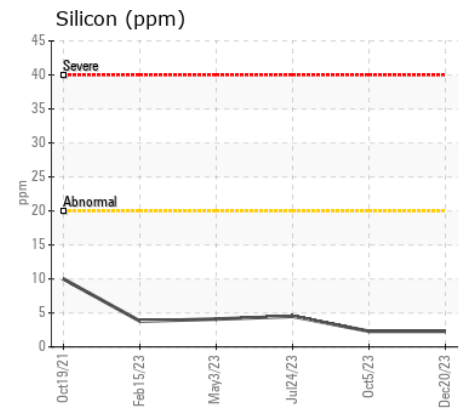
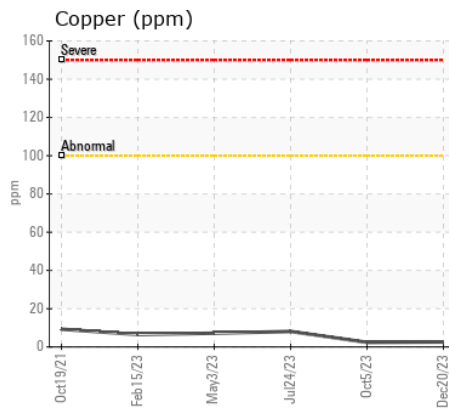
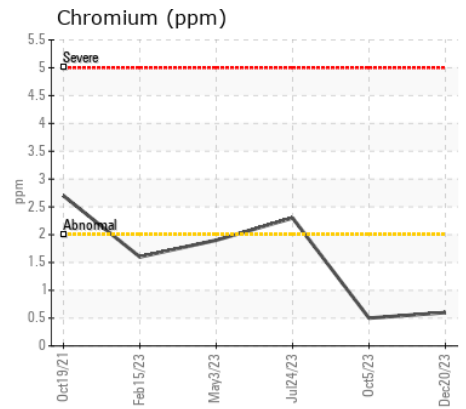
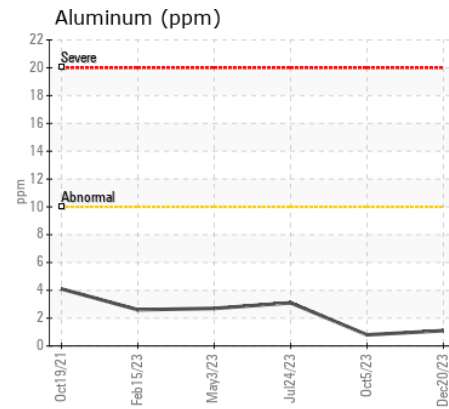
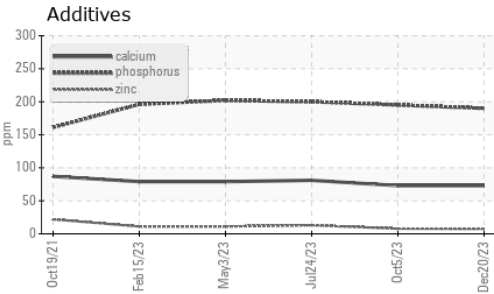
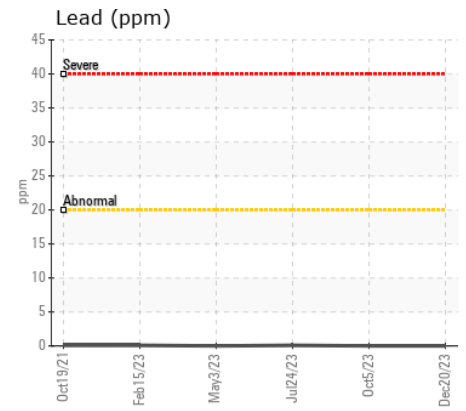
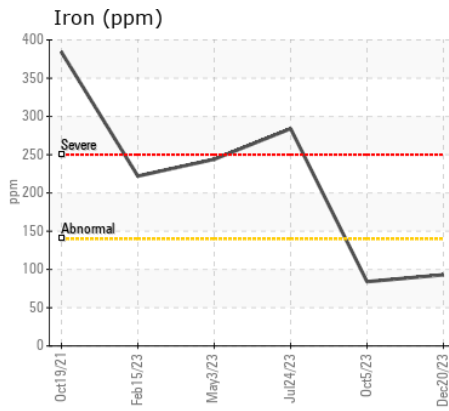
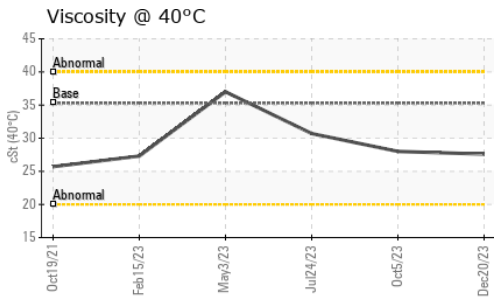
Additive levels indicate the addition of a different brand, or type of fluid.
The condition of the fluid is acceptable for the time in service.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP394224	VCP392251	VCP380441
Sample Date		Client Info		20 Dec 2023	05 Oct 2023	24 Jul 2023
Machine Age	hrs	Client Info		9021	8523	7998
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Not Changd	Not Changd	Changed
Filter Changed		Client Info		N/A	Not Changd	Changed
Sample Status				NORMAL	NORMAL	ABNORMAL

Iron	ppm	ASTM D5185(m)	>140	93	84	▲ 284
Chromium	ppm	ASTM D5185(m)	>2	<1	<1	▲ 2
Nickel	ppm	ASTM D5185(m)	>2	<1	<1	<1
Titanium	ppm	ASTM D5185(m)	>2	0	0	0
Silver	ppm	ASTM D5185(m)	>5	0	<1	0
Aluminum	ppm	ASTM D5185(m)	>10	1	<1	3
Lead	ppm	ASTM D5185(m)	>20	0	0	<1
Copper	ppm	ASTM D5185(m)	>100	3	2	8
Tin	ppm	ASTM D5185(m)	>2	0	0	0
Vanadium	ppm	ASTM D5185(m)		0	0	0
White Metal	scalar	Visual*	NONE	NONE	NONE	NONE
Yellow Metal	scalar	Visual*	NONE	NONE	NONE	NONE

Silicon	ppm	ASTM D5185(m)	>20	2	2	4
Potassium	ppm	ASTM D5185(m)	>20	1	<1	<1
Water		WC Method	>0.1	NEG	NEG	NEG
Silt	scalar	Visual*	NONE	NONE	NONE	NONE
Debris	scalar	Visual*	NONE	NONE	NONE	VLITE
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 D5185(m)		<1	1	2
Boron	ppm	ASTM D5185(m)	187	85	86	74
Barium	ppm	ASTM D5185(m)	0.0	0	<1	<1
Molybdenum	ppm	ASTM D5185(m)	0.0	0	0	<1
Manganese	ppm	ASTM D5185(m)	0.0	1	1	5
Magnesium	ppm	ASTM D5185(m)	6.8	1	<1	2
Calcium	ppm	ASTM D5185(m)	215	73	73	81
Phosphorus	ppm	ASTM D5185(m)	445	190	195	200
Zinc	ppm	ASTM D5185(m)	56	7	8	13
Sulfur	ppm	ASTM D5185(m)	1336	1781	1699	1655
Visc @ 40°C	cSt	ASTM D7279(m)	35.3	27.6	28.0	30.7



Laboratory : WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9
Sample No. : VCP394224 **Received** : 22 Jan 2024
Lab Number : 02610336 **Diagnosed** : 22 Jan 2024
Unique Number : 5711422 **Diagnostician** : Wes Davis
Test Package : MOB 1

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 dan.brown@ca.crh.com

To discuss this sample report, contact Customer Service at 1-800-268-2131.
 Test denoted (*) outside scope of accreditation, (m) method modified, (e) tested at external lab.
 Validity of results and interpretation are based on the sample and information as supplied.

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F: