



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	NORMAL
FLUID CONDITION	NORMAL



Area
[438237]
Machine Id
VOLVO L120H 632356
Component
Transmission (Auto)
Fluid
VOLVO AT 102 (--- GAL)

RECOMMENDATION

Resample at the next service interval to monitor.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP432223	VCP354437	VCP253009
Sample Date		Client Info		11 Jan 2024	12 Aug 2022	10 Aug 2019
Machine Age	hrs	Client Info		10492	8194	3101
Oil Age	hrs	Client Info		0	0	3101
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	NORMAL

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m		49	20	44
Chromium	ppm	ASTM D5185m		<1	0	<1
Nickel	ppm	ASTM D5185m		1	0	<1
Titanium	ppm	ASTM D5185m		<1	0	0
Silver	ppm	ASTM D5185m		<1	<1	0
Aluminum	ppm	ASTM D5185m		7	8	8
Lead	ppm	ASTM D5185m		1	0	0
Copper	ppm	ASTM D5185m		7	8	11
Tin	ppm	ASTM D5185m		1	<1	<1
Vanadium	ppm	ASTM D5185m		<1	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

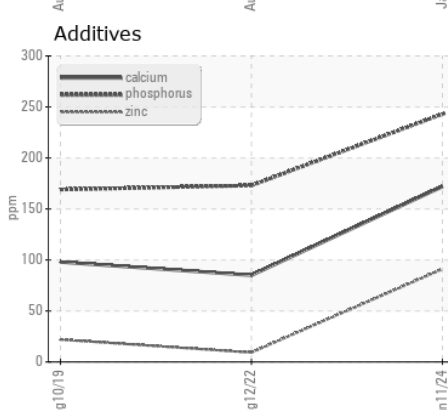
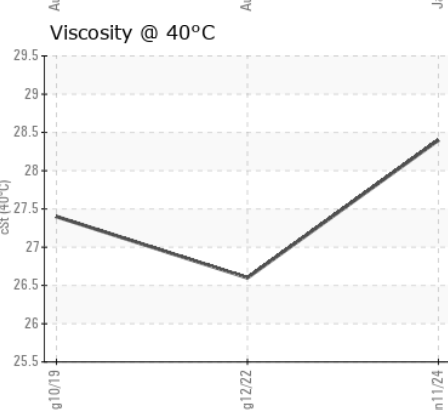
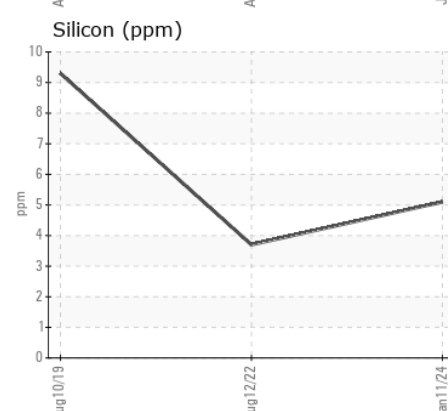
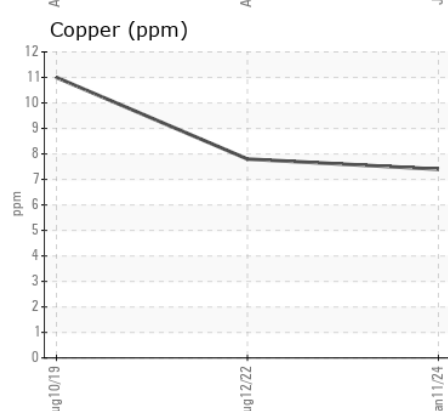
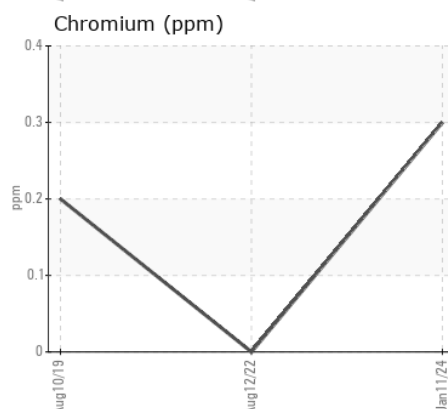
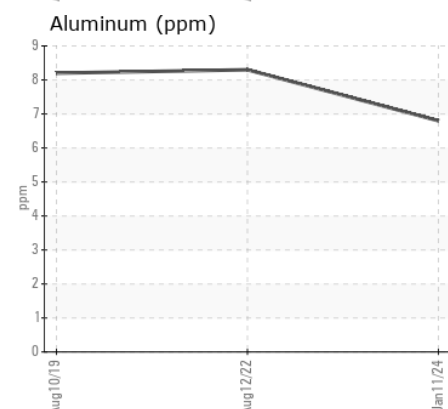
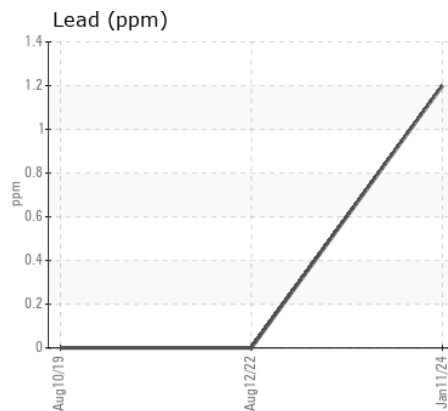
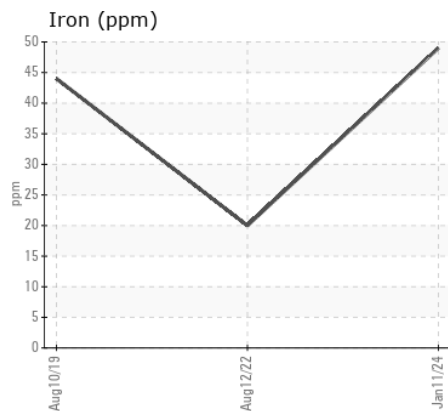
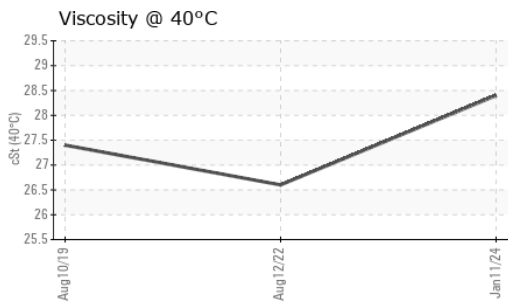
There is no indication of any contamination in the fluid.

Silicon	ppm	ASTM D5185m		5	4	9
Potassium	ppm	ASTM D5185m		2	0	2
Water		WC Method		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		NEG	NEG	0.2%

FLUID CONDITION

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

Sodium	ppm	ASTM D5185m		0	2	5
Boron	ppm	ASTM D5185m		71	100	69
Barium	ppm	ASTM D5185m		1	0	2
Molybdenum	ppm	ASTM D5185m		5	<1	<1
Manganese	ppm	ASTM D5185m		3	1	5
Magnesium	ppm	ASTM D5185m		56	2	0
Calcium	ppm	ASTM D5185m		172	85	98
Phosphorus	ppm	ASTM D5185m		243	173	169
Zinc	ppm	ASTM D5185m		91	9	22
Sulfur	ppm	ASTM D5185m		1987	1735	1735
Visc @ 40°C	cSt	ASTM D445		28.4	26.6	27.4



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VCP432223 **Received** : 16 Jan 2024
Lab Number : 06061586 **Diagnosed** : 23 Jan 2024
Unique Number : 10832968 **Diagnostician** : Wes Davis
Test Package : MOB 1

RECYCLE AMERICA
 12100 YOUNG PINE RD
 ORLANDO, FL
 US 32829
 Contact: SERVICE MANAGER

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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