



VOLVO

OIL ANALYSIS REPORT

WEAR	NORMAL
CONTAMINATION	SEVERE
FLUID CONDITION	NORMAL



Area
[9465]
Machine Id
3424016 VOLVO L35G 3424016
Component
Front Axle
Fluid
VOLVO WB 102 (--- GAL)

RECOMMENDATION

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.

Test	UOM	Method	Limit/Abn	Current	History1	History2
Sample Number		Client Info		VCP438153	DJJ0005233	VCP321821
Sample Date		Client Info		08 Jan 2024	16 Mar 2022	23 Jun 2021
Machine Age	hrs	Client Info		8828	7218	6609
Oil Age	hrs	Client Info		0	0	0
Filter Age	hrs	Client Info		0	0	0
Oil Changed		Client Info		Changed	Changed	Changed
Filter Changed		Client Info		Not Changed	N/A	Not Changed
Sample Status				SEVERE	SEVERE	ATTENTION

WEAR

All component wear rates are normal.

Iron	ppm	ASTM D5185m	>500	37	33	44
Chromium	ppm	ASTM D5185m	>20	<1	<1	<1
Nickel	ppm	ASTM D5185m	>10	<1	1	<1
Titanium	ppm	ASTM D5185m		0	<1	0
Silver	ppm	ASTM D5185m		0	<1	5
Aluminum	ppm	ASTM D5185m	>30	<1	<1	0
Lead	ppm	ASTM D5185m	>50	<1	1	1
Copper	ppm	ASTM D5185m	>120	0	<1	<1
Tin	ppm	ASTM D5185m	>20	3	2	0
Vanadium	ppm	ASTM D5185m		0	0	0
White Metal	scalar	*Visual	NONE	NONE	NONE	NONE
Yellow Metal	scalar	*Visual	NONE	NONE	NONE	NONE

CONTAMINATION

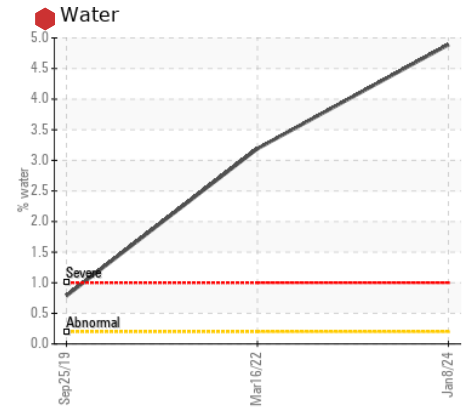
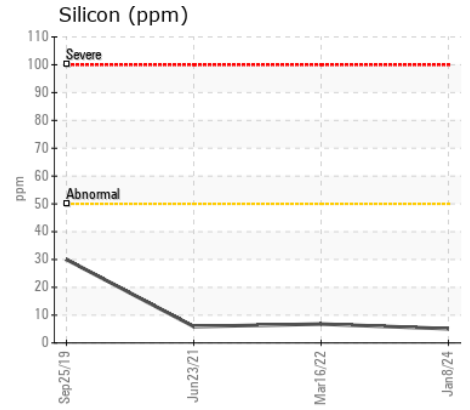
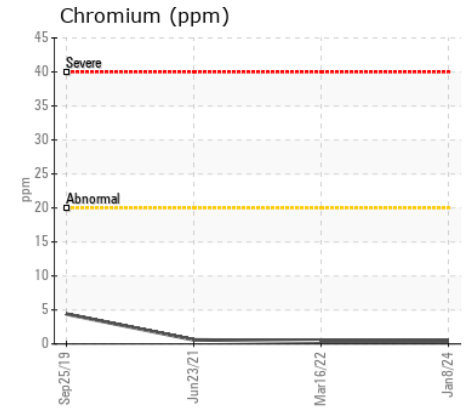
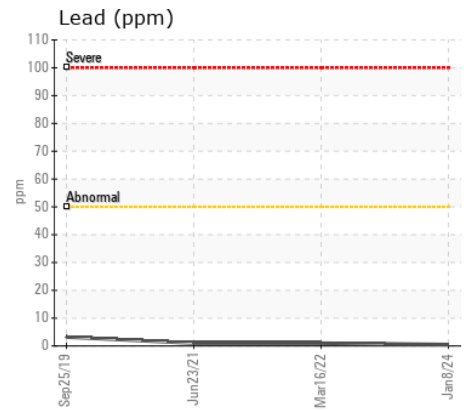
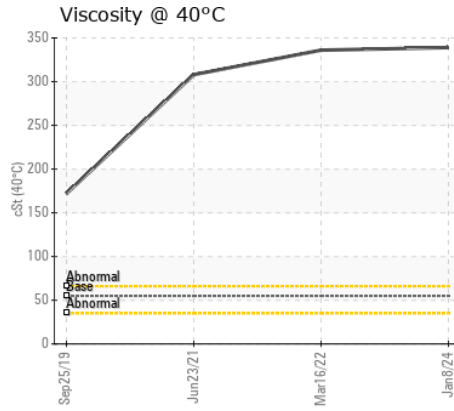
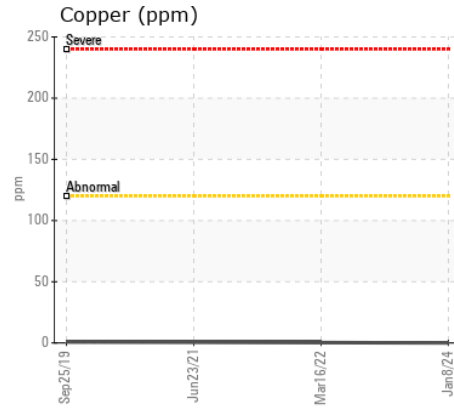
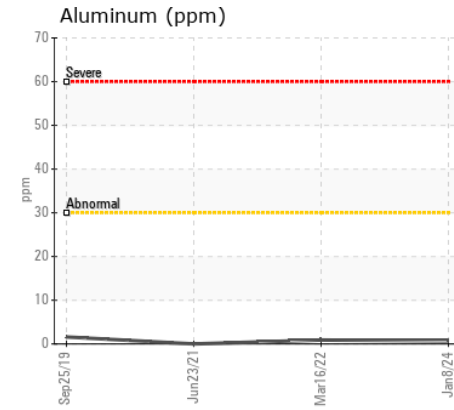
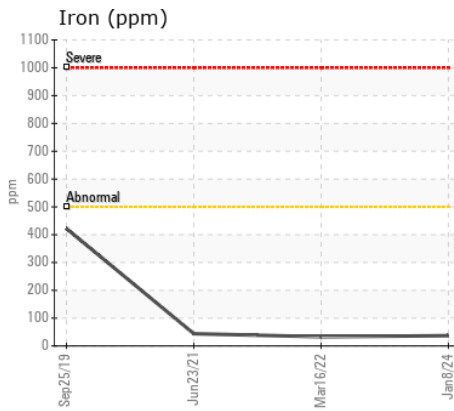
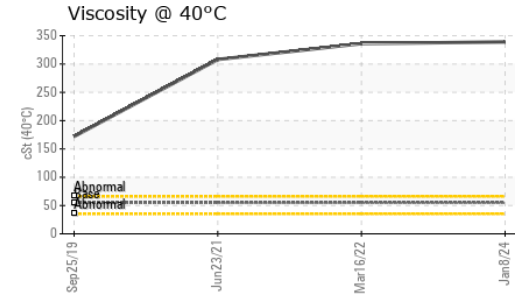
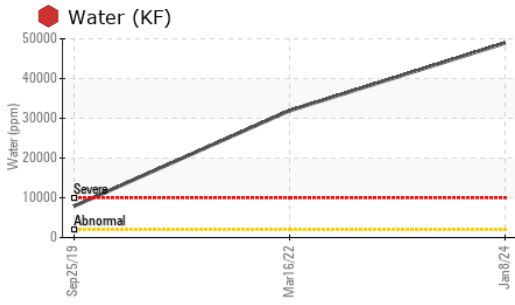
There is a high concentration of water present in the oil.

Silicon	ppm	ASTM D5185m	>50	5	7	6
Potassium	ppm	ASTM D5185m	>20	1	0	0
Water	%	ASTM D6304	>0.2	4.89	3.19	---
ppm Water	ppm	ASTM D6304	>2000	48900	31900	---
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	▲ MILKY	▲ HAZY
Odor	scalar	*Visual	NORML	NORML	NORML	NORML
Emulsified Water	scalar	*Visual	>0.2	0.2%	0.2%	NEG

FLUID CONDITION

The oil is no longer serviceable due to the presence of contaminants.

Sodium	ppm	ASTM D5185m		0	0	<1
Boron	ppm	ASTM D5185m		137	111	241
Barium	ppm	ASTM D5185m		0	0	<1
Molybdenum	ppm	ASTM D5185m		2	<1	<1
Manganese	ppm	ASTM D5185m		<1	<1	1
Magnesium	ppm	ASTM D5185m		24	10	6
Calcium	ppm	ASTM D5185m		68	32	26
Phosphorus	ppm	ASTM D5185m		1044	846	854
Zinc	ppm	ASTM D5185m		49	21	25
Sulfur	ppm	ASTM D5185m		29971	20759	19528
Visc @ 40°C	cSt	ASTM D445	55	339	336	308



Certificate L2367

Laboratory : WearCheck USA - 501 Madison Ave., Cary, NC 27513
Sample No. : VCP438153 **Received** : 11 Jan 2024
Lab Number : 06058381 **Diagnosed** : 14 Jan 2024
Unique Number : 10829763 **Diagnostician** : Don Baldrige
Test Package : MOB 1 (Additional Tests: KF)

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)

U-PULL-AND-PAY LLC - ORLANDO
 1157 JETSTREAM DRIVE
 ORLANDO, FL
 US 32824

Contact: NILDA RIOS
 nilda.rios@upullandpay.com
 T: (407)473-3798
 F: (407)856-4029