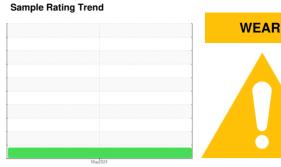


# **OIL ANALYSIS REPORT**





Machine Id **VOLVO L90H 625992** 

**Transmission** 

VOLVO AUTOMATIC TRANSMISSION FLUID AT102 (5 GAL)

## **DIAGNOSIS**

#### Recommendation

Oil and filter change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.

## Wear

The iron level is abnormal. All other component wear rates are normal.

### Contamination

There is no indication of any contamination in the

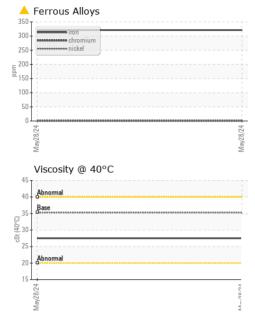
## **Fluid Condition**

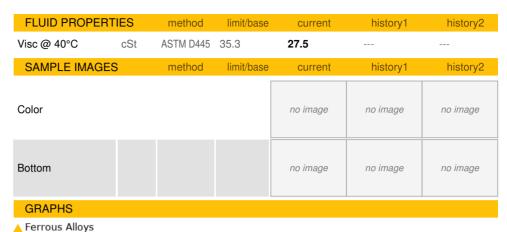
The condition of the fluid is acceptable for the time in service.

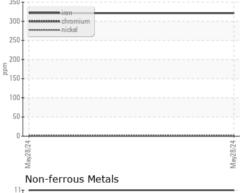
MISSION FLUID AT 102	(5 GAL)			May2024		
SAMPLE INFORM	MATION	method	limit/base	current	history1	history2
Sample Number		Client Info		ML0001252		
Sample Date		Client Info		28 May 2024		
Machine Age	hrs	Client Info		4027		
Oil Age	hrs	Client Info		4027		
Oil Changed		Client Info		Changed		
Sample Status				ABNORMAL		
CONTAMINATION	١	method	limit/base	current	history1	history2
Water		WC Method	>0.2	NEG		
WEAR METALS		method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m	>100	<u></u> 321		
Chromium	ppm	ASTM D5185m	>20	<1		
Nickel	ppm	ASTM D5185m	>10	<1		
Titanium	ppm	ASTM D5185m		<1		
Silver	ppm	ASTM D5185m		0		
Aluminum	ppm	ASTM D5185m	>30	2		
Lead	ppm	ASTM D5185m	>50	0		
Copper	ppm	ASTM D5185m	>50	11		
Tin	ppm	ASTM D5185m	>20	0		
Vanadium	ppm	ASTM D5185m		<1		
Cadmium	ppm	ASTM D5185m		<1		
ADDITIVES		method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m	187	63		
Barium	ppm	ASTM D5185m	0.0	1		
Molybdenum	ppm	ASTM D5185m	0.0	<1		
Manganese	ppm	ASTM D5185m	0.0	11		
Magnesium	ppm	ASTM D5185m	6.8	<1		
Calcium	ppm	ASTM D5185m	215	89		
Phosphorus	ppm	ASTM D5185m	445	213		
Zinc	ppm	ASTM D5185m	56	52		
Sulfur	ppm	ASTM D5185m	1336	2198		
CONTAMINANTS		method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m	>50	13		
Sodium	ppm	ASTM D5185m		6		
Potassium	ppm	ASTM D5185m	>20	2		
VISUAL		method	limit/base	current	history1	history2
White Metal	scalar	*Visual	NONE	NONE		
Yellow Metal	scalar	*Visual	NONE	NONE		
Precipitate	scalar	*Visual	NONE	NONE		
Silt	scalar	*Visual	NONE	NONE		
Debris	scalar	*Visual	NONE	NONE		
Sand/Dirt	scalar	*Visual	NONE	NONE		
Appearance	scalar	*Visual	NORML	NORML		
Odor	scalar	*Visual	NORML	NORML		
Emulsified Water	scalar	*Visual	>0.2	NEG		
Free Water	scalar	*Visual		NEG		
1.24.20\ Pay: 1					Cubmitted Du	· Emulia Dinada

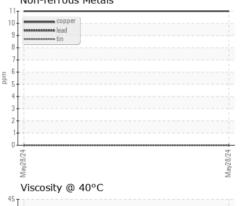


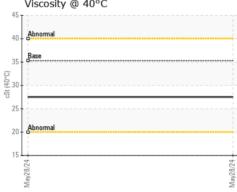
# **OIL ANALYSIS REPORT**















Certificate 12367

Laboratory

**Sample No.** : ML0001252 Lab Number : 06197150 Unique Number : 11059273

Test Package : CONST

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

: 31 May 2024 Tested : 03 Jun 2024 Diagnosed

: 04 Jun 2024 - Don Baldridge

4601 WASHINGTON BOULEVARD BALTIMORE, MD US 21227

Contact: Emylio Pineda epineda@mcclung-logan.com

MCCLUNG-LOGAN EQUIPMENT CO - BALTIMORE

\* - 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)

To discuss this sample report, contact Customer Service at 1-800-237-1369.

T: F: (410)242-7835