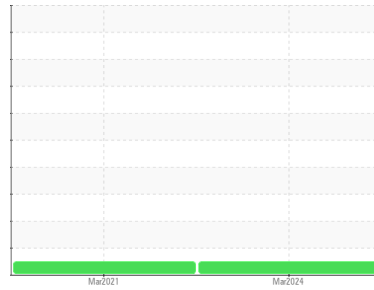


# OIL ANALYSIS REPORT

Sample Rating Trend



**NORMAL**



Machine Id  
**VOLVO A25D 742205**  
 Component  
**Transmission (Auto)**  
 Fluid  
**VOLVO AT 102 (--- GAL)**

## DIAGNOSIS

### Recommendation

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

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

## SAMPLE INFORMATION

	method	limit/base	current	history1	history2
Sample Number	Client Info		<b>ML0000460</b>	VCP304325	---
Sample Date	Client Info		<b>26 Mar 2024</b>	01 Mar 2021	---
Machine Age	hrs	Client Info	<b>4305</b>	1976	---
Oil Age	hrs	Client Info	<b>0</b>	1976	---
Oil Changed	Client Info		<b>Changed</b>	Changed	---
Sample Status			<b>NORMAL</b>	NORMAL	---

## CONTAMINATION

	method	limit/base	current	history1	history2
Water	WC Method	>0.1	<b>NEG</b>	NEG	---

## WEAR METALS

	method	limit/base	current	history1	history2
Iron	ppm	ASTM D5185m >160	<b>40</b>	49	---
Chromium	ppm	ASTM D5185m >5	<b>&lt;1</b>	<1	---
Nickel	ppm	ASTM D5185m >5	<b>3</b>	3	---
Titanium	ppm	ASTM D5185m	<b>0</b>	0	---
Silver	ppm	ASTM D5185m >5	<b>0</b>	0	---
Aluminum	ppm	ASTM D5185m >50	<b>25</b>	36	---
Lead	ppm	ASTM D5185m >50	<b>&lt;1</b>	0	---
Copper	ppm	ASTM D5185m >225	<b>20</b>	23	---
Tin	ppm	ASTM D5185m >10	<b>7</b>	9	---
Antimony	ppm	ASTM D5185m	<b>---</b>	0	---
Vanadium	ppm	ASTM D5185m	<b>&lt;1</b>	0	---
Cadmium	ppm	ASTM D5185m	<b>0</b>	0	---

## ADDITIVES

	method	limit/base	current	history1	history2
Boron	ppm	ASTM D5185m 187	<b>79</b>	102	---
Barium	ppm	ASTM D5185m 0.0	<b>0</b>	3	---
Molybdenum	ppm	ASTM D5185m 0.0	<b>0</b>	0	---
Manganese	ppm	ASTM D5185m 0.0	<b>2</b>	6	---
Magnesium	ppm	ASTM D5185m 6.8	<b>&lt;1</b>	<1	---
Calcium	ppm	ASTM D5185m 215	<b>103</b>	203	---
Phosphorus	ppm	ASTM D5185m 445	<b>179</b>	299	---
Zinc	ppm	ASTM D5185m 56	<b>0</b>	11	---
Sulfur	ppm	ASTM D5185m 1336	<b>1970</b>	1517	---

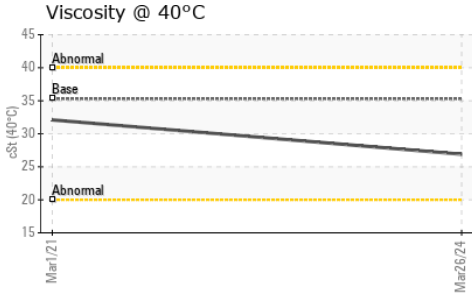
## CONTAMINANTS

	method	limit/base	current	history1	history2
Silicon	ppm	ASTM D5185m >20	<b>6</b>	16	---
Sodium	ppm	ASTM D5185m	<b>7</b>	9	---
Potassium	ppm	ASTM D5185m >20	<b>3</b>	10	---

## VISUAL

	method	limit/base	current	history1	history2
White Metal	scalar	*Visual NONE	<b>NONE</b>	NONE	---
Yellow Metal	scalar	*Visual NONE	<b>NONE</b>	NONE	---
Precipitate	scalar	*Visual NONE	<b>NONE</b>	NONE	---
Silt	scalar	*Visual NONE	<b>NONE</b>	NONE	---
Debris	scalar	*Visual NONE	<b>NONE</b>	NONE	---
Sand/Dirt	scalar	*Visual NONE	<b>NONE</b>	NONE	---
Appearance	scalar	*Visual NORML	<b>NORML</b>	NORML	---
Odor	scalar	*Visual NORML	<b>NORML</b>	NORML	---
Emulsified Water	scalar	*Visual >0.1	<b>NEG</b>	NEG	---
Free Water	scalar	*Visual	<b>NEG</b>	NEG	---

# OIL ANALYSIS REPORT

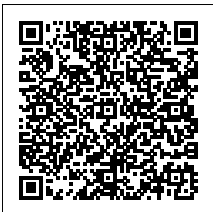
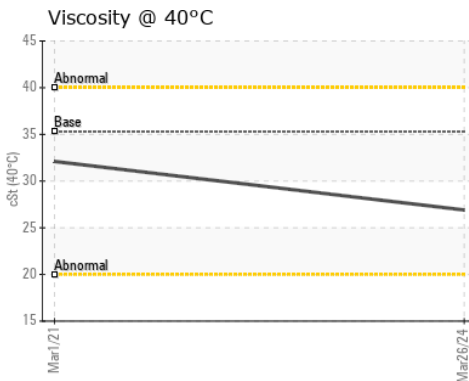
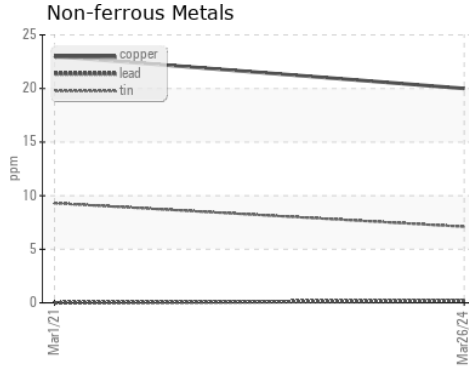
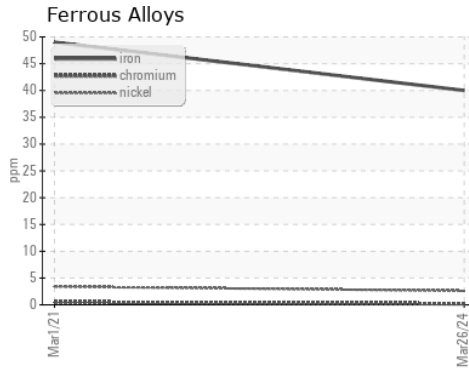


FLUID PROPERTIES	method	limit/base	current	history1	history2	
Visc @ 40°C	cSt	ASTM D445	35.3	<b>26.9</b>	32.1	---

SAMPLE IMAGES	method	limit/base	current	history1	history2
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Color	no image	no image	no image
Bottom	no image	no image	no image

## GRAPHS



Certificate L2367

**Laboratory** : WearCheck USA - 501 Madison Ave., Cary, NC 27513  
**Sample No.** : ML0000460  
**Lab Number** : 06137004  
**Unique Number** : 10956469  
**Test Package** : CONST

**Received** : 02 Apr 2024  
**Tested** : 05 Apr 2024  
**Diagnosed** : 05 Apr 2024 - Sean Felton

**MCCLUNG-LOGAN EQUIPMENT CO - CHESAPEAKE**  
 4112 HOLLAND BLVD  
 CHESAPEAKE, VA  
 US 23323

Contact: TOMMY GRIFFIN  
 tgriffin@mcclung-logan.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)

T: (757)485-3314

F: (757)485-3415