



# CONSTRUCTION EQUIPMENT

## 562544 VOLVO A25G 752113 - TRANSMISSION



**Sample No:** VCP451228  
**Oil Type:** DIESEL ENGINE OIL SAE 15W40  
**Job No:** 562544



### SAMPLE INFORMATION

Sample Number	<b>VCP451228</b>	VCP435790	VCP360682	---
Sample Date	<b>15 May 2024</b>	05 Oct 2023	09 Apr 2022	---
Machine Hours	<b>2769</b>	2686	1636	---
Oil Hours	<b>0</b>	0	1636	---
Oil Changed	<b>Not Chngd</b>	N/A	Not Chngd	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

### RIPA AND ASSOCIATES

10149 FISHER AVENUE  
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 T:  
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### OIL CONDITION

Visc @ 40°C	cSt	<b>29.6</b>	29.6	■ 30.3	---
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### CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	■ <b>14</b>	■ 14	■ 12	---
Sodium	ppm	■ <b>8</b>	■ 8	■ 7	---
Potassium	ppm	■ <b>5</b>	■ 2	■ 0	---

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is no indication of any contamination in the fluid. Confirm oil type. The condition of the fluid is acceptable for the time in service.



### WEAR METALS

Iron	ppm	■ <b>39</b>	■ 44	■ 32	---
Copper	ppm	■ <b>40</b>	■ 51	■ 41	---
Lead	ppm	■ <b>&lt;1</b>	■ 0	■ 0	---
Tin	ppm	■ <b>8</b>	■ 10	■ 7	---
Aluminum	ppm	■ <b>28</b>	■ 34	■ 28	---
Chromium	ppm	■ <b>&lt;1</b>	■ 0	■ 0	---
Molybdenum	ppm	■ <b>&lt;1</b>	■ 0	■ 0	---
Nickel	ppm	■ <b>6</b>	■ 7	■ 6	---
Titanium	ppm	■ <b>&lt;1</b>	■ 0	0	---
Silver	ppm	■ <b>&lt;1</b>	0	0	---
Manganese	ppm	■ <b>3</b>	■ 4	■ 4	---
Vanadium	ppm	■ <b>&lt;1</b>	0	0	---



### ADDITIVES

Calcium	ppm	■ <b>135</b>	■ 163	■ 167	---
Magnesium	ppm	■ <b>5</b>	■ 4	■ 0	---
Zinc	ppm	■ <b>12</b>	■ 8	4	---
Phosphorus	ppm	■ <b>277</b>	■ 263	■ 259	---
Barium	ppm	■ <b>0</b>	■ 2	■ 0	---
Boron	ppm	■ <b>82</b>	■ 83	■ 86	---

**Depot:** RIPTAM  
**Unique No:** 11034907  
**Signed:** Don Baldrige  
**Report Date:** 21 May 2024



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## GRAPHS

