



# CONSTRUCTION EQUIPMENT

## TUCKER PAVING VOLVO A25G 752489 - TRANSMISSION (AUTO)



**Sample No:** VCP432182  
**Oil Type:** DIESEL ENGINE OIL SAE 15W40  
**Job No:** TUCKER PAVING



### SAMPLE INFORMATION

Sample Number	<b>VCP432182</b>	VCP418278	VCP393534	VCP385135
Sample Date	<b>14 Nov 2023</b>	08 Jun 2023	07 Mar 2023	11 Nov 2022
Machine Hours	<b>2088</b>	1604	1083	505
Oil Hours	<b>0</b>	0	0	505
Oil Changed	<b>N/A</b>	N/A	Not Changd	Not Changd
Sample Status	<b>MARGINAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>28.7</b>	29.0	29.3	29.3
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### CONTAMINATION

Water	%	<b>0.132</b>	NEG	NEG	NEG
Silicon	ppm	<b>15</b>	14	16	17
Sodium	ppm	<b>6</b>	4	4	3
Potassium	ppm	<b>4</b>	0	5	1

### Diagnosis

Resample at the next service interval to monitor. All component wear rates are normal. There is a light concentration of water present in the fluid. The condition of the fluid is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>34</b>	39	26	21
Copper	ppm	<b>20</b>	16	15	13
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>5</b>	3	4	2
Aluminum	ppm	<b>25</b>	21	21	12
Chromium	ppm	<b>0</b>	<1	<1	<1
Molybdenum	ppm	<b>0</b>	0	<1	<1
Nickel	ppm	<b>2</b>	1	1	<1
Titanium	ppm	<b>0</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>4</b>	3	4	3
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>71</b>	101	77	73
Magnesium	ppm	<b>&lt;1</b>	0	4	0
Zinc	ppm	<b>0</b>	19	0	0
Phosphorus	ppm	<b>189</b>	207	198	159
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>71</b>	76	74	85

**Depot:** VOLVO0093  
**Unique No:** 10778030  
**Signed:** Don Baldrige  
**Report Date:** 11 Dec 2023



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## GRAPHS

