



# CONSTRUCTION EQUIPMENT

## D13106 IAA SUSSEX VOLVO L90H 625531 - TRANSMISSION (AUTO)



**Sample No:** VCE01826  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** D13106 IAA SUSSEX



### SAMPLE INFORMATION

Sample Number	<b>VCE01826</b>	VCP381309	VCP382394	VCP335863
Sample Date	<b>02 Jan 2024</b>	19 Apr 2023	02 Mar 2023	10 Feb 2022
Machine Hours	<b>5525</b>	4295	4014	2086
Oil Hours	<b>524</b>	281	4014	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Changed	Not Chngd
Sample Status	<b>NORMAL</b>	NORMAL	ABNORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>28.35</b>	28.1	26.4	32.4
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>8</b>	4	7	3
Sodium	ppm	<b>2</b>	3	4	2
Potassium	ppm	<b>2</b>	0	2	1

### Diagnosis

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



### WEAR METALS

Iron	ppm	<b>48</b>	66	▲ 168	12
Copper	ppm	<b>7</b>	7	16	9
Lead	ppm	<b>&lt;1</b>	0	0	<1
Tin	ppm	<b>&lt;1</b>	0	0	2
Aluminum	ppm	<b>2</b>	<1	1	7
Chromium	ppm	<b>&lt;1</b>	<1	0	0
Molybdenum	ppm	<b>1</b>	<1	0	0
Nickel	ppm	<b>1</b>	0	0	2
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>8</b>	4	9	<1
Vanadium	ppm	<b>0</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>76</b>	78	81	77
Magnesium	ppm	<b>2</b>	4	2	<1
Zinc	ppm	<b>9</b>	28	57	1
Phosphorus	ppm	<b>212</b>	183	160	208
Barium	ppm	<b>0</b>	3	8	0
Boron	ppm	<b>73</b>	76	42	86

**Depot:** VOLVO0069  
**Unique No:** 10820400  
**Signed:** Jonathan Hester  
**Report Date:** 11 Jan 2024



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## GRAPHS

