



# CONSTRUCTION EQUIPMENT

## 659059 TUCKER VOLVO A25G 742081 - TRANSMISSION (AUTO)



**Sample No:** VCP452334  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 659059 TUCKER



### SAMPLE INFORMATION

Sample Number	<b>VCP452334</b>	VCP425809	VCP392892	VCP386363
Sample Date	<b>08 Jan 2024</b>	14 Jul 2023	13 Mar 2023	24 Oct 2022
Machine Hours	<b>8469</b>	7964	7506	7007
Oil Hours	<b>500</b>	2000	1500	500
Oil Changed	<b>Not Changd</b>	Changed	Not Changd	Not Changd
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>28.9</b>	29.3	27.9	28.3
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>2</b>	3	4	2
Sodium	ppm	<b>3</b>	6	4	3
Potassium	ppm	<b>0</b>	0	0	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. The condition of the fluid is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>10</b>	22	17	15
Copper	ppm	<b>5</b>	9	7	7
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>&lt;1</b>	2	1	1
Aluminum	ppm	<b>5</b>	11	7	8
Chromium	ppm	<b>0</b>	0	0	0
Molybdenum	ppm	<b>0</b>	<1	<1	<1
Nickel	ppm	<b>0</b>	<1	0	<1
Titanium	ppm	<b>0</b>	<1	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>0</b>	<1	<1	<1
Vanadium	ppm	<b>0</b>	<1	0	0



### ADDITIVES

Calcium	ppm	<b>70</b>	78	76	75
Magnesium	ppm	<b>0</b>	<1	4	0
Zinc	ppm	<b>0</b>	1	0	0
Phosphorus	ppm	<b>200</b>	206	200	189
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>95</b>	107	92	86

**Depot:** VOLVO0093  
**Unique No:** 10862388  
**Signed:** Don Baldrige  
**Report Date:** 07 Feb 2024

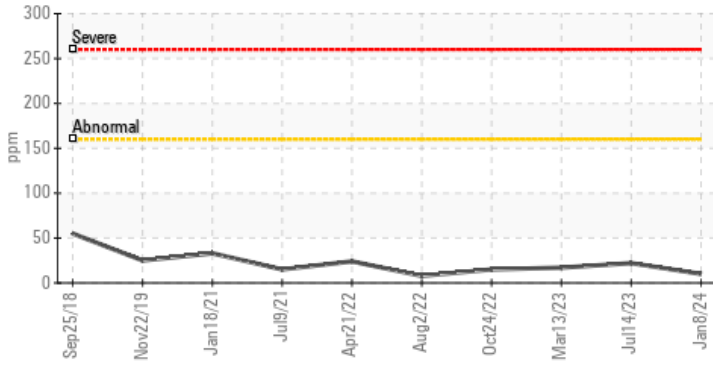


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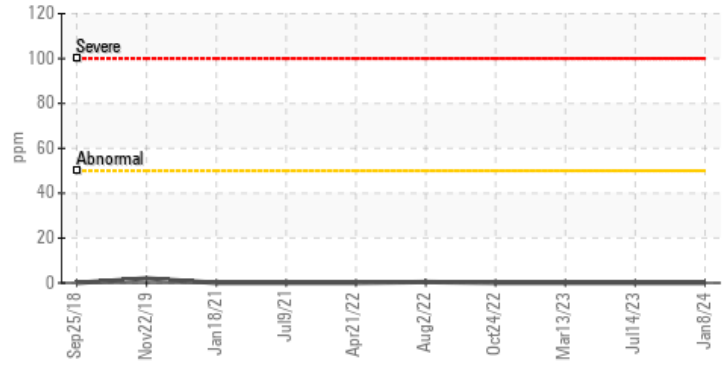


## VOLVO GRAPHS

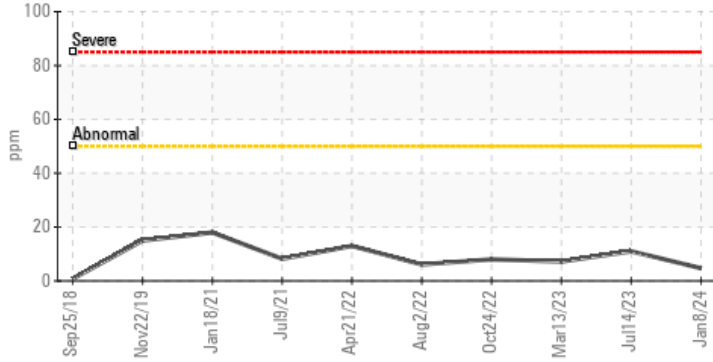
### Iron (ppm)



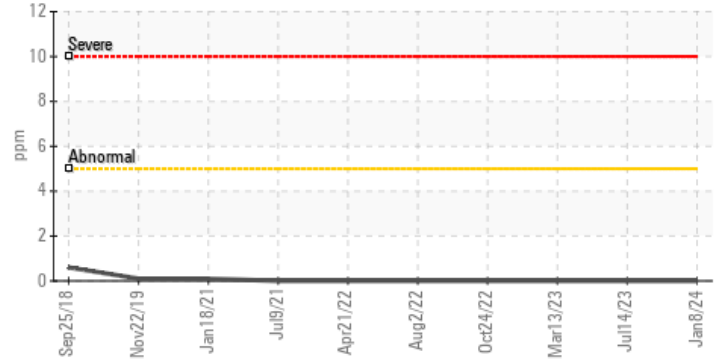
### Lead (ppm)



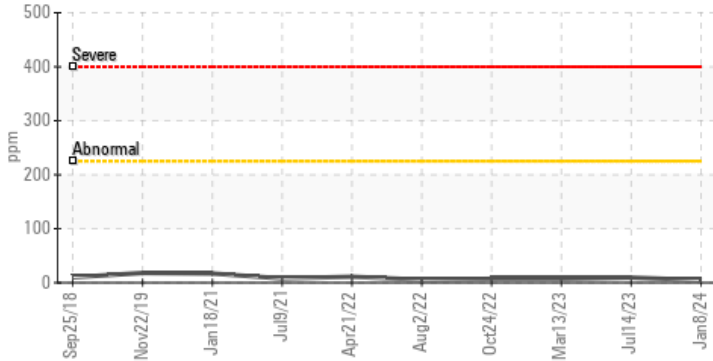
### Aluminum (ppm)



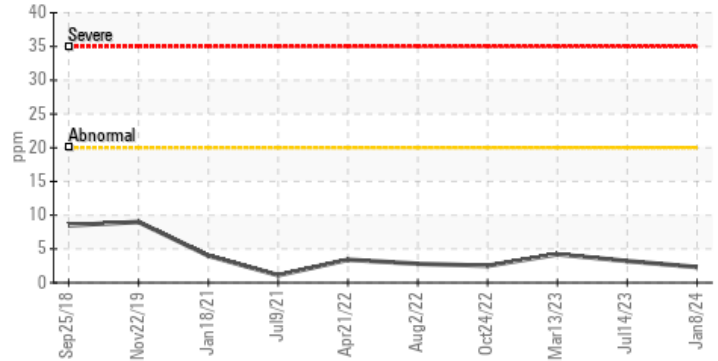
### Chromium (ppm)



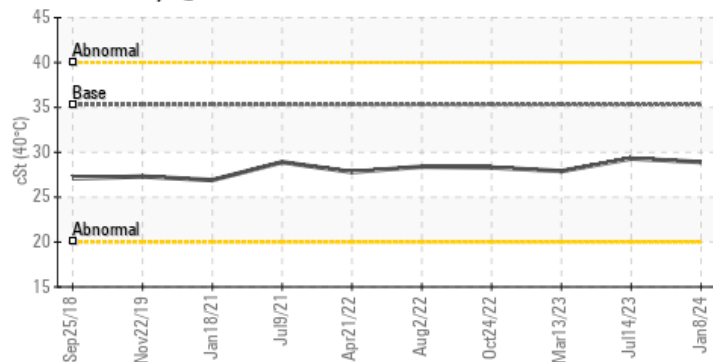
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

