



# CONSTRUCTION EQUIPMENT

X47784 VOLVO A25G 752361 - TRANSMISSION



**Sample No:** VCP452480  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** X47784



## SAMPLE INFORMATION

Sample Number	<b>VCP452480</b>	VC379688	VC407778	---
Sample Date	<b>10 Apr 2024</b>	30 Aug 2022	10 May 2022	---
Machine Hours	<b>3520</b>	2003	1186	---
Oil Hours	<b>0</b>	2003	500	---
Oil Changed	<b>Not Chngd</b>	Changed	Changed	---
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	---

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## OIL CONDITION

Visc @ 40°C	cSt	<b>28.2</b>	28.9	31.3	---
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## CONTAMINATION

Water	%	NEG	NEG	NEG	---
Silicon	ppm	<b>15</b>	7	13	---
Sodium	ppm	<b>4</b>	2	3	---
Potassium	ppm	<b>10</b>	2	4	---

## 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>26</b>	26	44	---
Copper	ppm	<b>14</b>	14	26	---
Lead	ppm	<b>1</b>	0	<1	---
Tin	ppm	<b>4</b>	4	5	---
Aluminum	ppm	<b>14</b>	18	22	---
Chromium	ppm	<b>&lt;1</b>	0	<1	---
Molybdenum	ppm	<b>1</b>	<1	<1	---
Nickel	ppm	<b>2</b>	0	<1	---
Titanium	ppm	<b>&lt;1</b>	0	0	---
Silver	ppm	<b>&lt;1</b>	0	0	---
Manganese	ppm	<b>2</b>	1	4	---
Vanadium	ppm	<b>&lt;1</b>	0	0	---



## ADDITIVES

Calcium	ppm	<b>77</b>	73	64	---
Magnesium	ppm	<b>2</b>	2	<1	---
Zinc	ppm	<b>6</b>	5	6	---
Phosphorus	ppm	<b>201</b>	186	179	---
Barium	ppm	<b>&lt;1</b>	0	2	---
Boron	ppm	<b>83</b>	91	76	---

**Depot:** VOLV00129  
**Unique No:** 10982507  
**Signed:** Don Baldrige  
**Report Date:** 22 Apr 2024

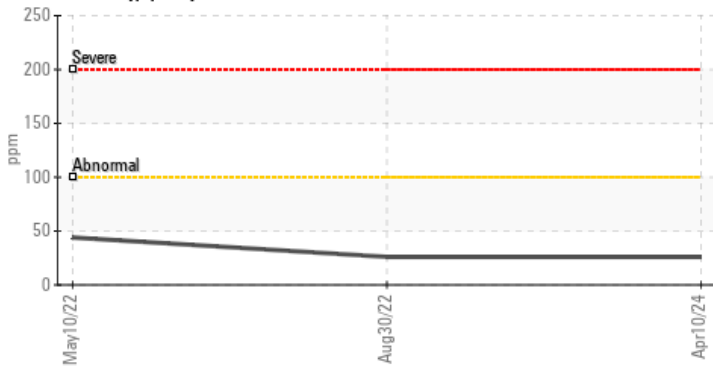


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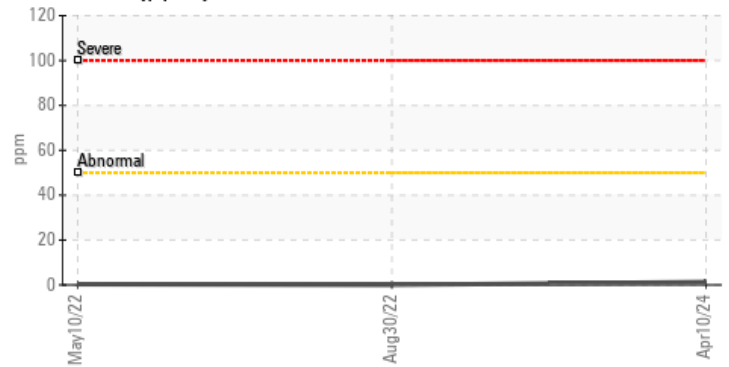


## GRAPHS

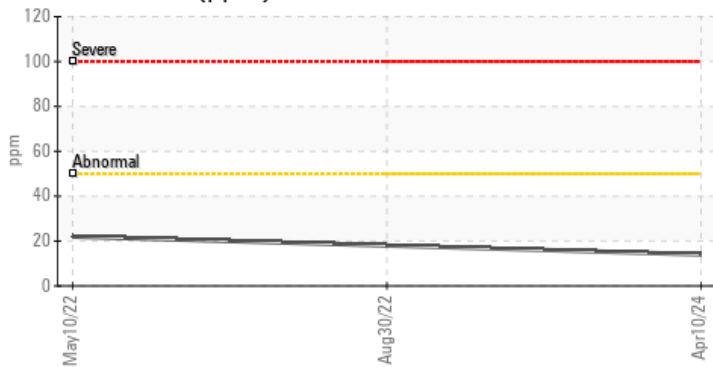
### Iron (ppm)



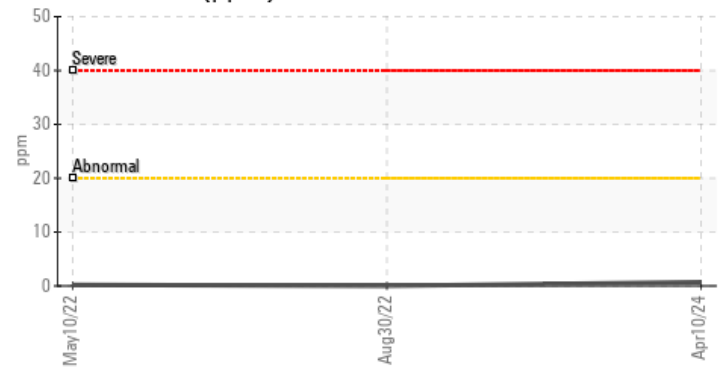
### Lead (ppm)



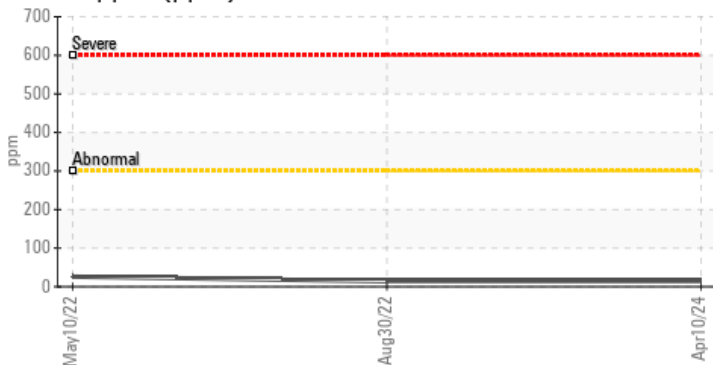
### Aluminum (ppm)



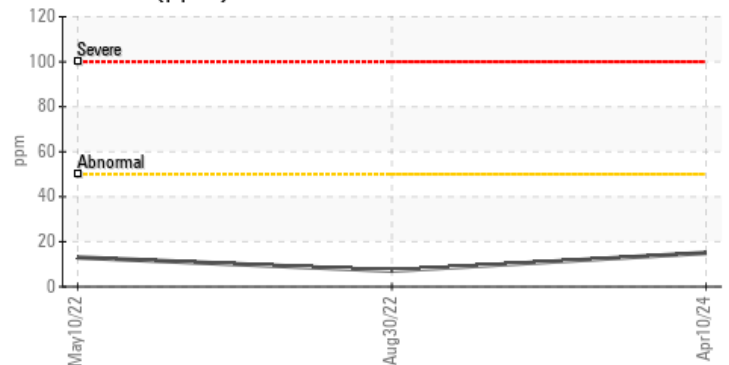
### Chromium (ppm)



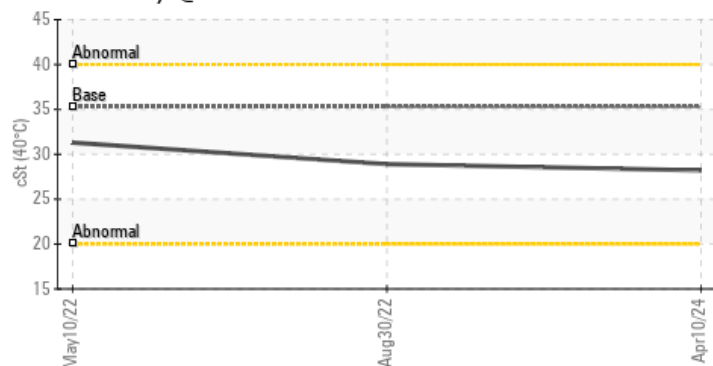
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

