



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 342374 - TRANSMISSION (AUTO)



**Sample No:** VCP396993

**Oil Type:** MOBIL ATF

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP396993</b>	VCP442551	VCP400061	VCP406694
Sample Date	<b>11 Mar 2024</b>	06 Dec 2023	20 Jul 2023	02 May 2023
Machine Hours	<b>11321</b>	10857	10329	9875
Oil Hours	<b>464</b>	528	454	479
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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### OIL CONDITION

Visc @ 40°C	cSt	<b>29.5</b>	29.2	30.9	30.6
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	2	2	2
Sodium	ppm	<b>2</b>	3	2	3
Potassium	ppm	<b>1</b>	0	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. The condition of the fluid is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>8</b>	4	6	8
Copper	ppm	<b>4</b>	3	3	4
Lead	ppm	<b>&lt;1</b>	0	<1	0
Tin	ppm	<b>1</b>	<1	<1	0
Aluminum	ppm	<b>4</b>	3	3	3
Chromium	ppm	<b>&lt;1</b>	<1	0	<1
Molybdenum	ppm	<b>4</b>	0	2	2
Nickel	ppm	<b>&lt;1</b>	<1	0	0
Titanium	ppm	<b>&lt;1</b>	0	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	<1	<1	<1
Vanadium	ppm	<b>&lt;1</b>	0	<1	0



### ADDITIVES

Calcium	ppm	<b>206</b>	144	237	247
Magnesium	ppm	<b>19</b>	6	19	15
Zinc	ppm	<b>53</b>	24	70	65
Phosphorus	ppm	<b>228</b>	247	266	275
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>98</b>	116	99	95

**Depot:** SCHGRE  
**Unique No:** 10938276  
**Signed:** Wes Davis  
**Report Date:** 21 Mar 2024

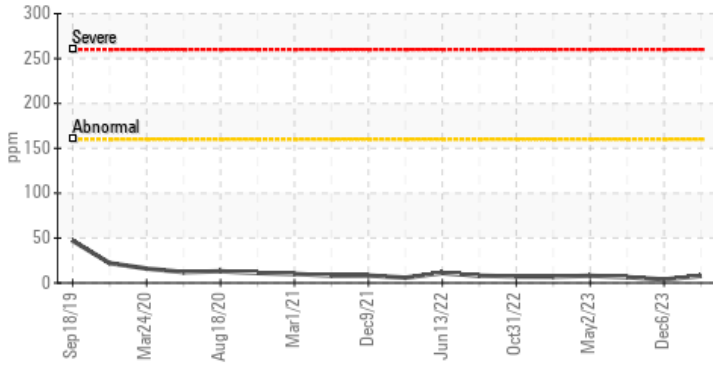


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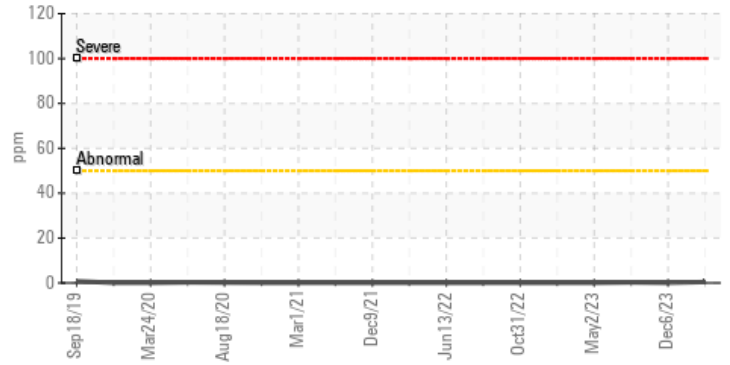


## GRAPHS

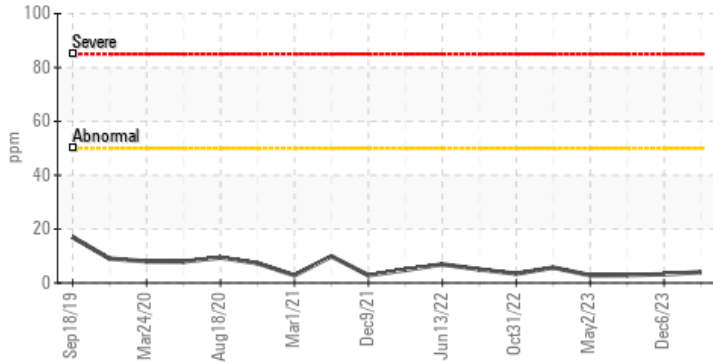
### Iron (ppm)



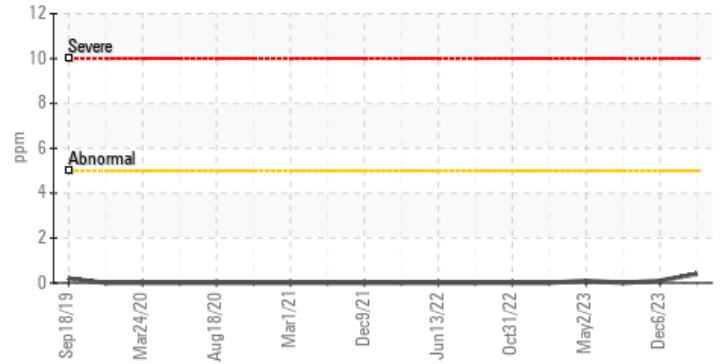
### Lead (ppm)



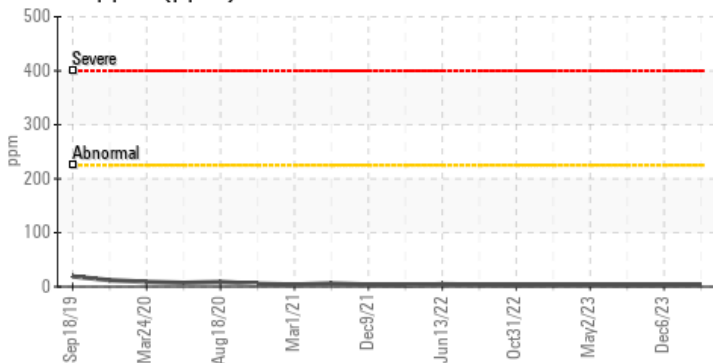
### Aluminum (ppm)



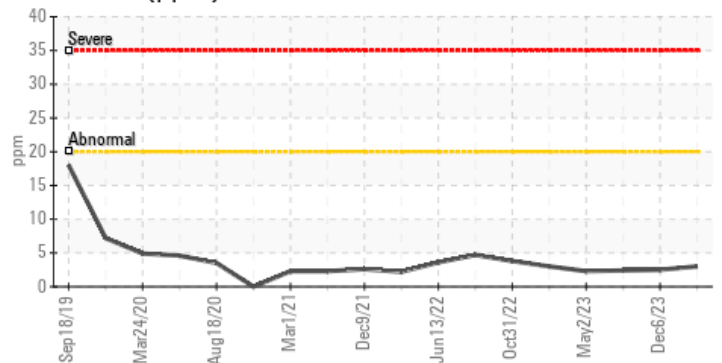
### Chromium (ppm)



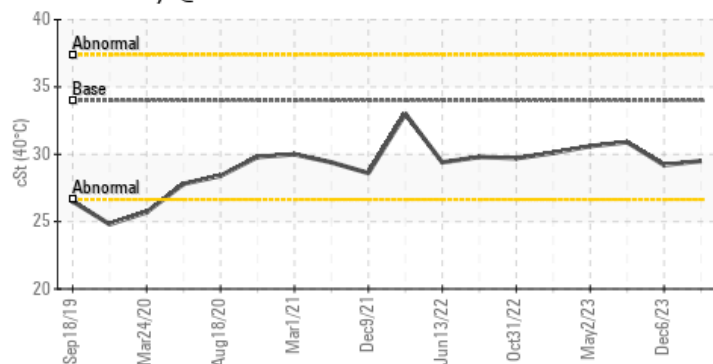
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

