



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 352 198 - TRANSMISSION (AUTO)



**Sample No:** VCP435152

**Oil Type:** MOBIL ATF

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP435152</b>	VCP378558	VCP312689	VCP405741
Sample Date	<b>02 Apr 2024</b>	14 Dec 2023	06 Sep 2023	19 Jun 2023
Machine Hours	<b>5479</b>	4956	4393	3898
Oil Hours	<b>523</b>	563	495	239
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>28.7</b>	28.6	27.8	28.1
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>12</b>	3	4	4
Sodium	ppm	<b>3</b>	1	3	4
Potassium	ppm	<b>4</b>	<1	1	2

### 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>15</b>	4	9	16
Copper	ppm	<b>7</b>	11	19	26
Lead	ppm	<b>&lt;1</b>	0	0	0
Tin	ppm	<b>1</b>	2	2	4
Aluminum	ppm	<b>5</b>	3	6	12
Chromium	ppm	<b>&lt;1</b>	0	0	<1
Molybdenum	ppm	<b>&lt;1</b>	0	<1	<1
Nickel	ppm	<b>&lt;1</b>	1	3	4
Titanium	ppm	<b>&lt;1</b>	0	0	0
Silver	ppm	<b>&lt;1</b>	0	0	0
Manganese	ppm	<b>2</b>	<1	<1	1
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>93</b>	89	118	78
Magnesium	ppm	<b>4</b>	1	3	0
Zinc	ppm	<b>6</b>	3	11	0
Phosphorus	ppm	<b>185</b>	183	244	195
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>77</b>	103	109	96

**Depot:** SCHGRE  
**Unique No:** 10990434  
**Signed:** Wes Davis  
**Report Date:** 22 Apr 2024

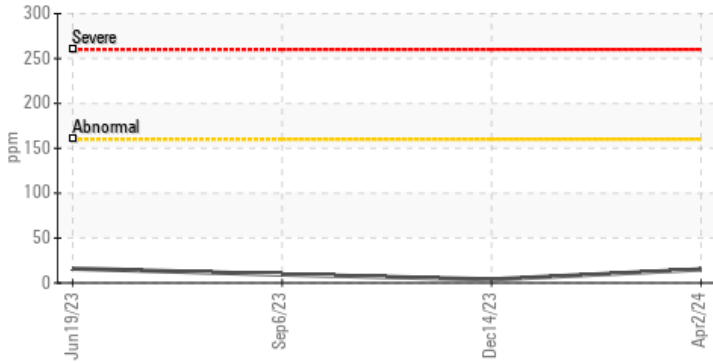


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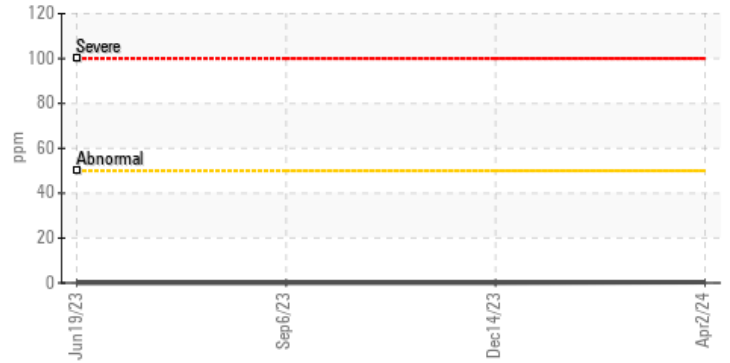


## GRAPHS

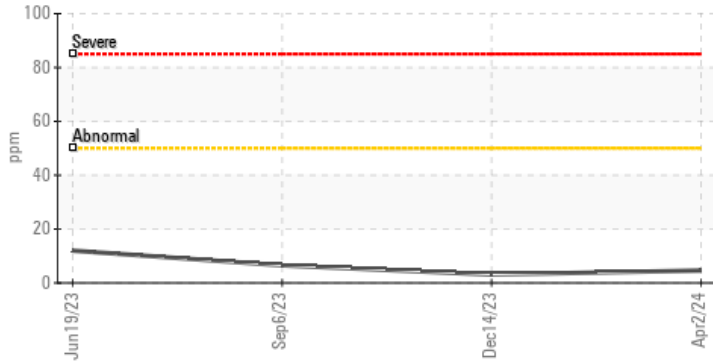
### Iron (ppm)



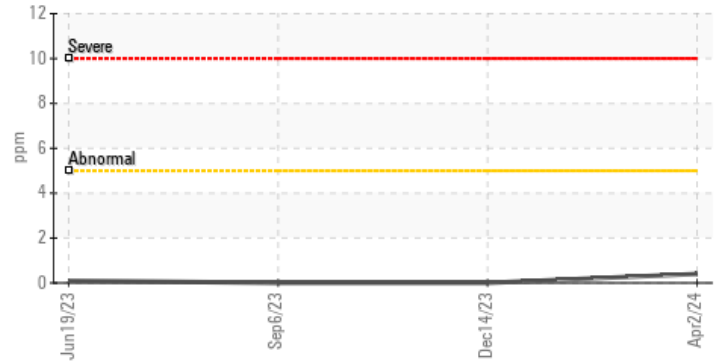
### Lead (ppm)



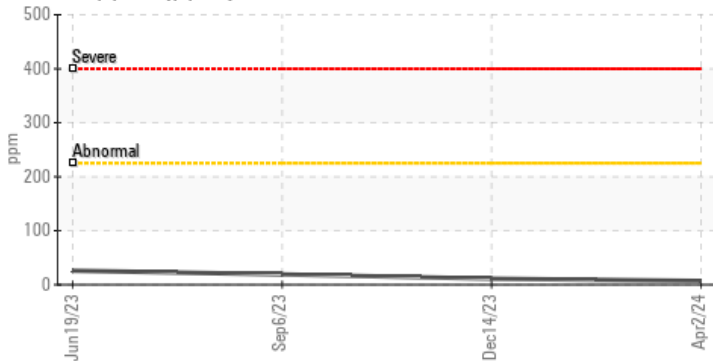
### Aluminum (ppm)



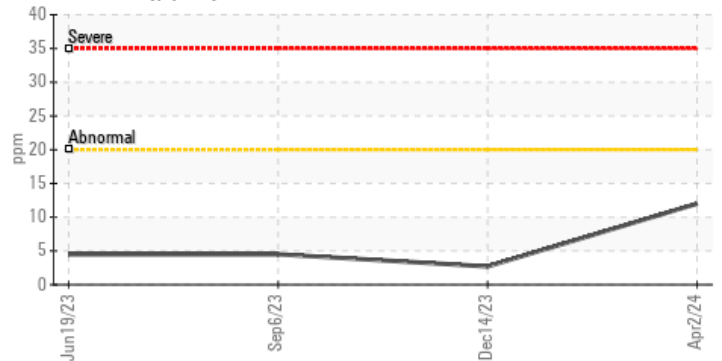
### Chromium (ppm)



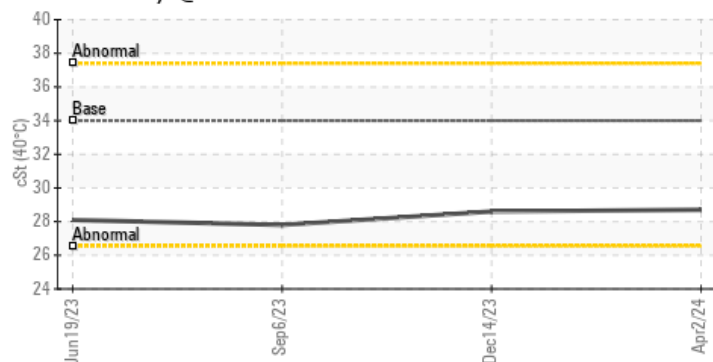
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

