



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 352349 - TRANSMISSION (AUTO)



**Sample No:** VCP442860

**Oil Type:** MOBIL ATF

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP442860</b>	VCP436373	VCP396989	VCP405245
Sample Date	<b>15 Apr 2024</b>	08 Feb 2024	30 Oct 2023	29 Aug 2023
Machine Hours	<b>7156</b>	6743	6234	5785
Oil Hours	<b>413</b>	509	449	570
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>30.0</b>	29.8	28.9	28.0
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>4</b>	3	4	3
Sodium	ppm	<b>&lt;1</b>	0	2	4
Potassium	ppm	<b>2</b>	1	0	<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 fluid. The condition of the fluid is acceptable for the time in service.



### WEAR METALS

Iron	ppm	<b>8</b>	8	5	8
Copper	ppm	<b>13</b>	13	10	16
Lead	ppm	<b>&lt;1</b>	0	0	0
Tin	ppm	<b>3</b>	2	2	2
Aluminum	ppm	<b>7</b>	5	6	7
Chromium	ppm	<b>&lt;1</b>	0	0	0
Molybdenum	ppm	<b>4</b>	3	0	0
Nickel	ppm	<b>2</b>	2	2	2
Titanium	ppm	<b>&lt;1</b>	<1	0	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	0	<1	<1
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>216</b>	188	104	178
Magnesium	ppm	<b>23</b>	17	0	7
Zinc	ppm	<b>59</b>	35	9	30
Phosphorus	ppm	<b>275</b>	336	221	255
Barium	ppm	<b>0</b>	12	0	0
Boron	ppm	<b>128</b>	111	112	97

**Depot:** SCHGRE  
**Unique No:** 11009617  
**Signed:** Wes Davis  
**Report Date:** 06 May 2024

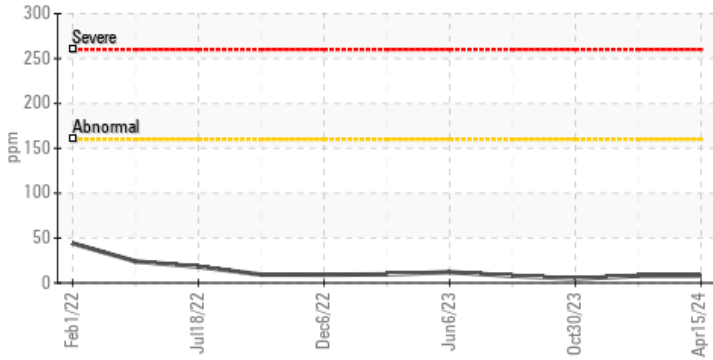


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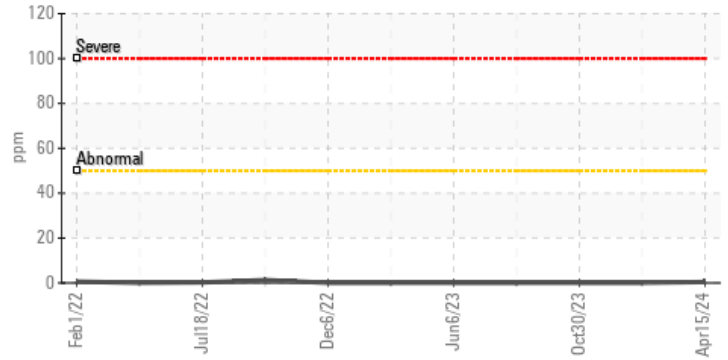


## GRAPHS

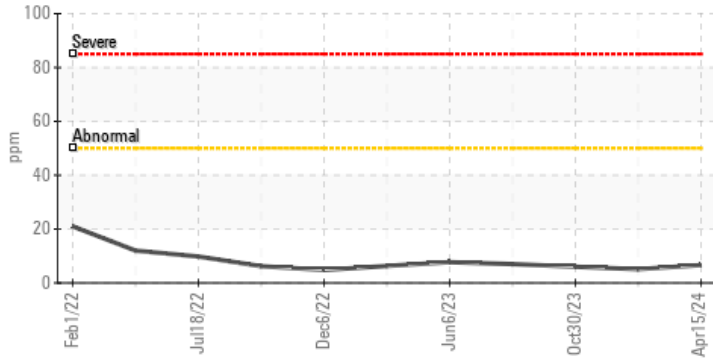
### Iron (ppm)



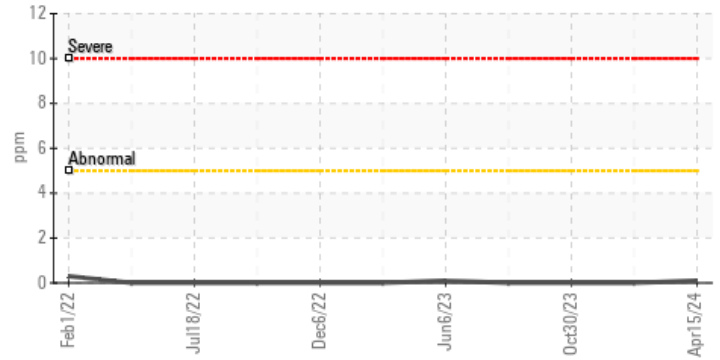
### Lead (ppm)



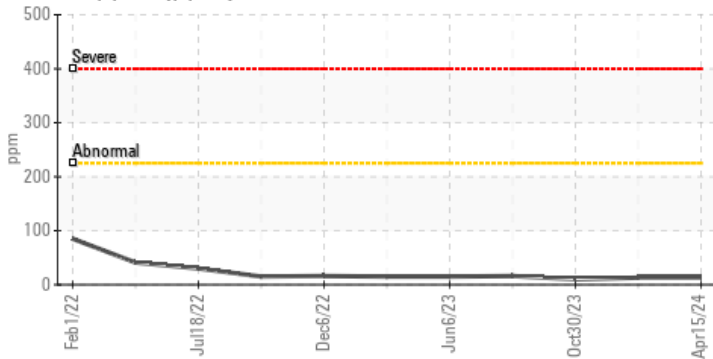
### Aluminum (ppm)



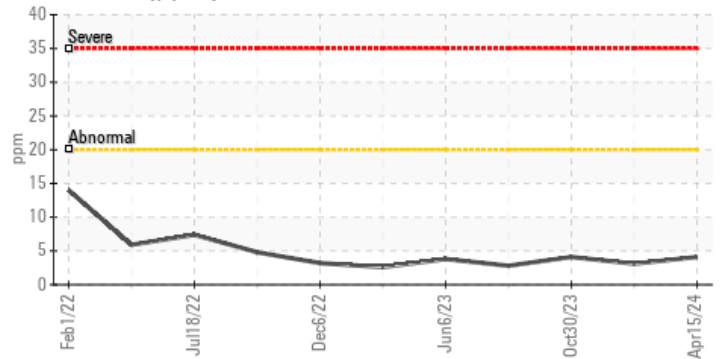
### Chromium (ppm)



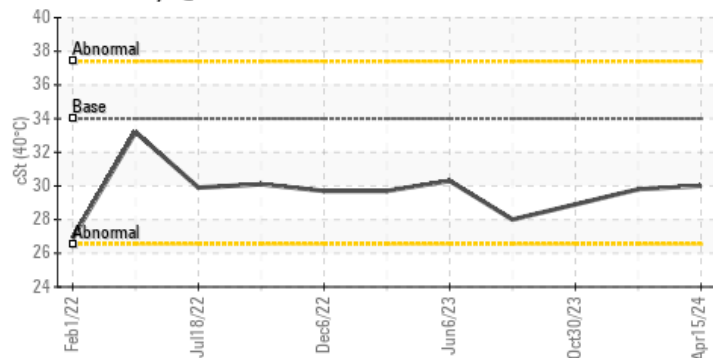
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

