



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 342373 - TRANSMISSION (AUTO)



**Sample No:** VCP445732

**Oil Type:** MOBIL ATF

**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP445732</b>	VCP341877	VCP400059	VCP404506
Sample Date	<b>29 Nov 2023</b>	09 Oct 2023	19 Jul 2023	02 May 2023
Machine Hours	<b>12310</b>	11957	11379	10860
Oil Hours	<b>353</b>	578	519	515
Oil Changed	<b>Changed</b>	Changed	Changed	Changed
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

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 F: (641)743-2486



### OIL CONDITION

Visc @ 40°C	cSt	<b>29.2</b>	29.2	30.8	33.5
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### CONTAMINATION

Water	%	NEG	NEG	NEG	NEG
Silicon	ppm	<b>3</b>	3	2	2
Sodium	ppm	<b>3</b>	0	2	4
Potassium	ppm	<b>0</b>	1	2	<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>2</b>	8	6	7
Copper	ppm	<b>2</b>	2	2	3
Lead	ppm	<b>0</b>	0	0	0
Tin	ppm	<b>0</b>	<1	<1	0
Aluminum	ppm	<b>2</b>	1	2	2
Chromium	ppm	<b>&lt;1</b>	<1	0	0
Molybdenum	ppm	<b>0</b>	<1	2	2
Nickel	ppm	<b>0</b>	<1	0	0
Titanium	ppm	<b>0</b>	0	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>&lt;1</b>	0	<1	<1
Vanadium	ppm	<b>0</b>	0	<1	0



### ADDITIVES

Calcium	ppm	<b>100</b>	145	232	264
Magnesium	ppm	<b>2</b>	6	18	24
Zinc	ppm	<b>6</b>	18	68	77
Phosphorus	ppm	<b>235</b>	217	258	278
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>122</b>	116	97	93

**Depot:** SCHGRE  
**Unique No:** 10780830  
**Signed:** Don Baldrige  
**Report Date:** 14 Dec 2023

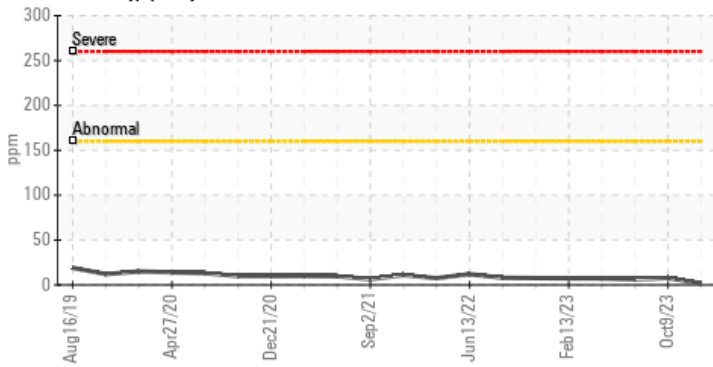


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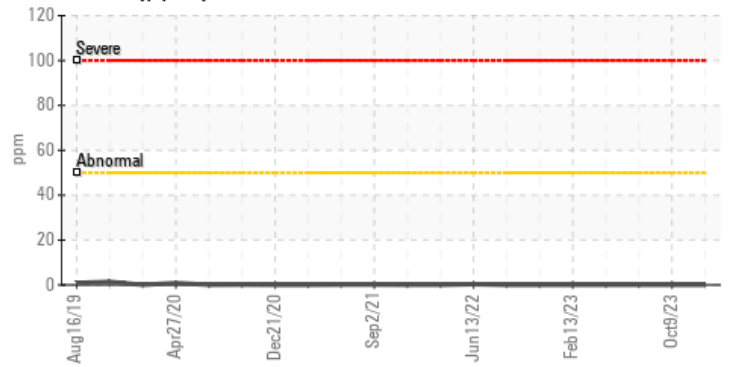


## GRAPHS

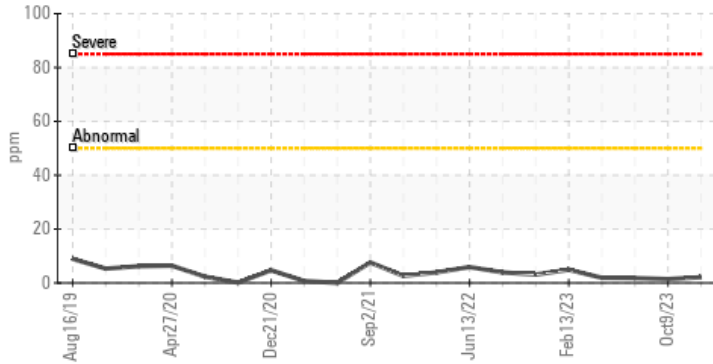
### Iron (ppm)



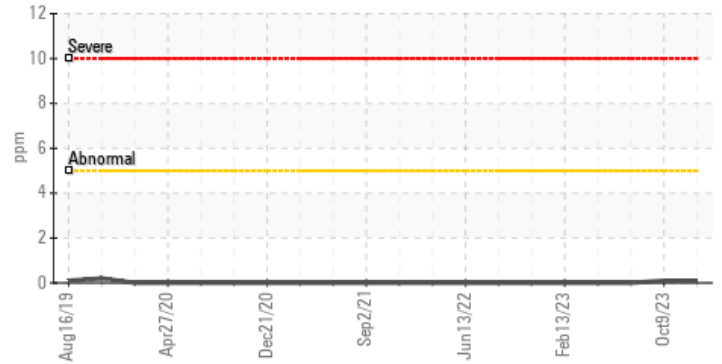
### Lead (ppm)



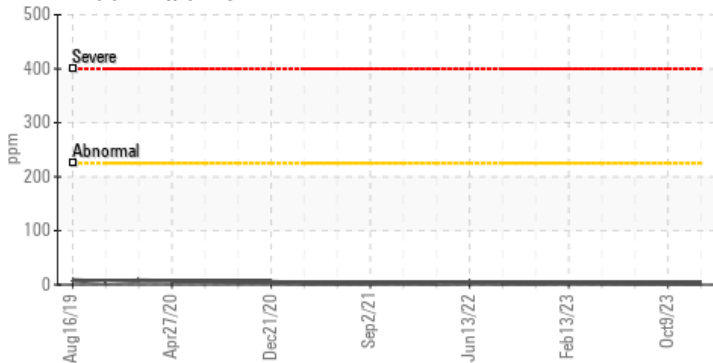
### Aluminum (ppm)



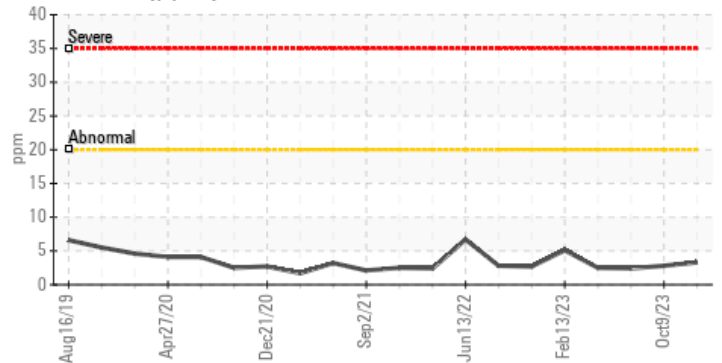
### Chromium (ppm)



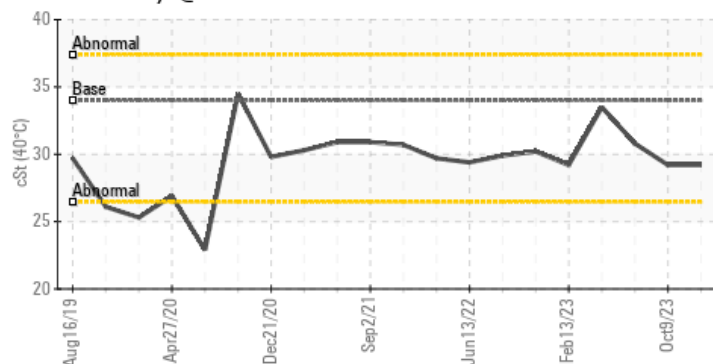
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

