



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 352463 - TRANSMISSION (AUTO)



**Sample No:** VCP424128  
**Oil Type:** VOLVO AT 102  
**Job No:**



### SAMPLE INFORMATION

Sample Number	<b>VCP424128</b>	VCP427037	VCP382398	VCP364531
Sample Date	<b>28 Aug 2023</b>	28 Jun 2023	21 Mar 2023	29 Sep 2022
Machine Hours	<b>6364</b>	5888	5136	4268
Oil Hours	<b>0</b>	0	0	0
Oil Changed	<b>Not Chngd</b>	Not Chngd	Not Chngd	N/A
Sample Status	<b>NORMAL</b>	NORMAL	NORMAL	NORMAL

**SENECA MEADOWS**  
 1786 SALCMAN ROAD  
 WATERLOO, NY  
 US  
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 T: (315)539-5624  
 F: (315)539-4656



### OIL CONDITION

Visc @ 40°C	cSt	<b>28.7</b>	29.0	29.1	28.8
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### CONTAMINATION

Silicon	ppm	<b>3</b>	2	3	5
Sodium	ppm	<b>3</b>	1	2	1
Potassium	ppm	<b>0</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>10</b>	7	7	11
Copper	ppm	<b>14</b>	10	7	11
Lead	ppm	<b>0</b>	0	0	<1
Tin	ppm	<b>3</b>	2	<1	1
Aluminum	ppm	<b>7</b>	5	2	5
Chromium	ppm	<b>&lt;1</b>	0	0	0
Molybdenum	ppm	<b>&lt;1</b>	<1	<1	<1
Nickel	ppm	<b>2</b>	1	1	<1
Titanium	ppm	<b>&lt;1</b>	0	<1	0
Silver	ppm	<b>0</b>	0	0	0
Manganese	ppm	<b>1</b>	<1	1	<1
Vanadium	ppm	<b>&lt;1</b>	0	0	0



### ADDITIVES

Calcium	ppm	<b>77</b>	74	69	100
Magnesium	ppm	<b>0</b>	<1	2	8
Zinc	ppm	<b>0</b>	0	0	19
Phosphorus	ppm	<b>209</b>	208	179	200
Barium	ppm	<b>0</b>	0	0	0
Boron	ppm	<b>106</b>	109	96	94

**Depot:** SENWAT  
**Unique No:** 10629085  
**Signed:** Wes Davis  
**Report Date:** 31 Aug 2023

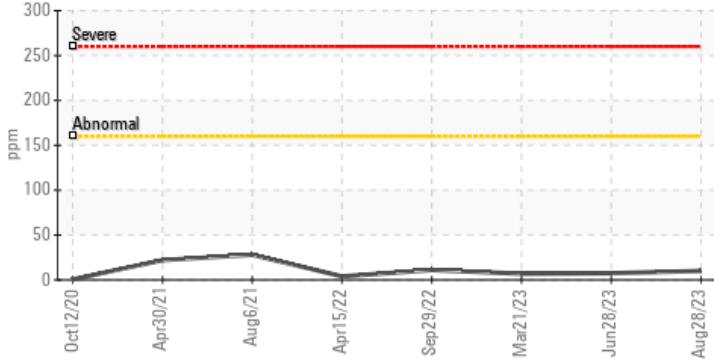


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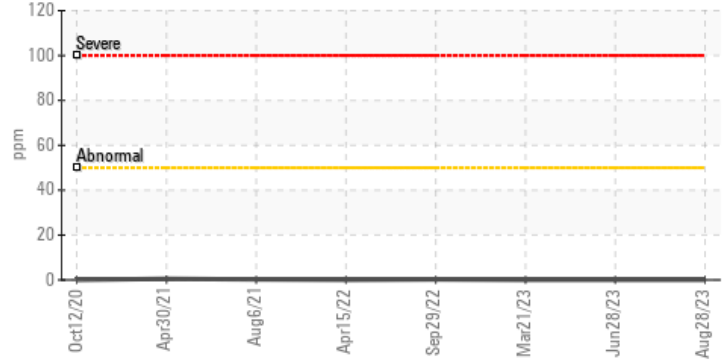


## GRAPHS

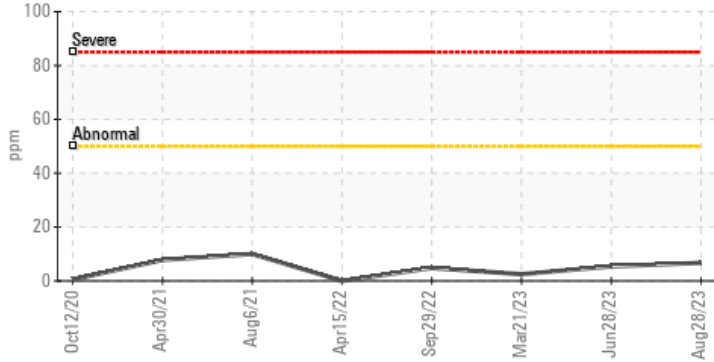
### Iron (ppm)



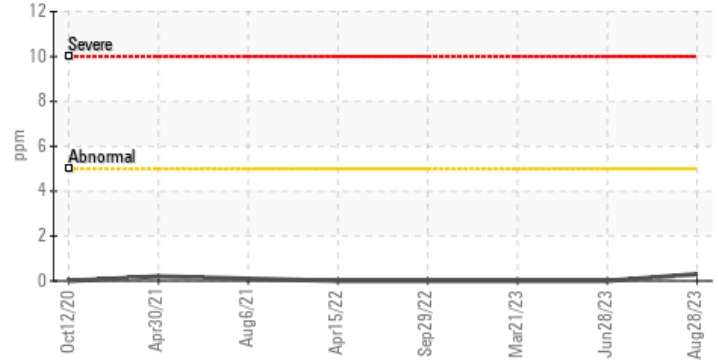
### Lead (ppm)



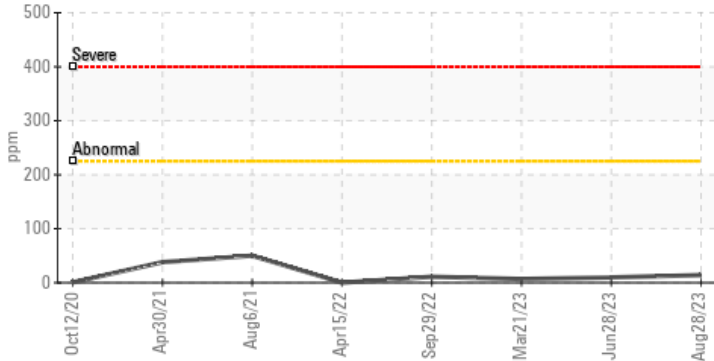
### Aluminum (ppm)



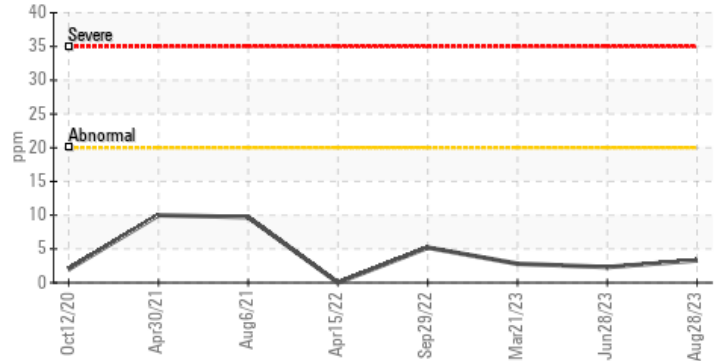
### Chromium (ppm)



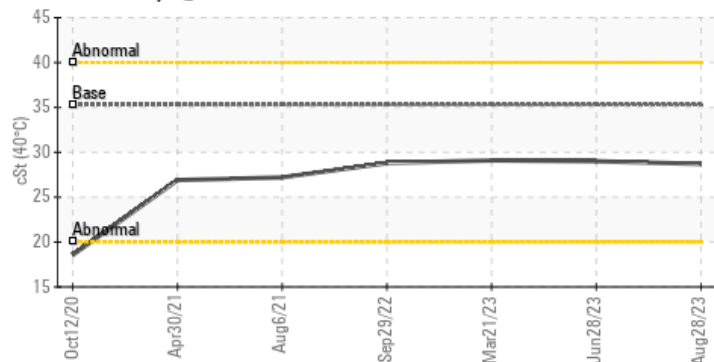
### Copper (ppm)



### Silicon (ppm)



### Viscosity @ 40°C



### Additives

