



# CONSTRUCTION EQUIPMENT

## VOLVO A40G 353384 - TRANSMISSION (AUTO)



**Sample No:** VCP432160  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:**



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### SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP432160   | --- | --- | --- |
| Sample Date   | 02 Nov 2023 | --- | --- | --- |
| Machine Hours | 1237        | --- | --- | --- |
| Oil Hours     | 1237        | --- | --- | --- |
| Oil Changed   | Not Chngd   | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |



### OIL CONDITION

|             |     |        |     |     |     |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 28.1 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



### CONTAMINATION

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Silicon   | ppm | █ 16 | --- | --- | --- |
| Sodium    | ppm | █ 6  | --- | --- | --- |
| Potassium | ppm | █ 2  | --- | --- | --- |



### WEAR METALS

|            |     |      |     |     |     |
|------------|-----|------|-----|-----|-----|
| Iron       | ppm | █ 37 | --- | --- | --- |
| Copper     | ppm | █ 28 | --- | --- | --- |
| Lead       | ppm | █ 0  | --- | --- | --- |
| Tin        | ppm | █ 3  | --- | --- | --- |
| Aluminum   | ppm | █ 18 | --- | --- | --- |
| Chromium   | ppm | █ 0  | --- | --- | --- |
| Molybdenum | ppm | █ 0  | --- | --- | --- |
| Nickel     | ppm | █ 3  | --- | --- | --- |
| Titanium   | ppm | 0    | --- | --- | --- |
| Silver     | ppm | █ 0  | --- | --- | --- |
| Manganese  | ppm | █ 3  | --- | --- | --- |
| Vanadium   | ppm | 0    | --- | --- | --- |



### ADDITIVES

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Calcium    | ppm | █ 70  | --- | --- | --- |
| Magnesium  | ppm | █ 0   | --- | --- | --- |
| Zinc       | ppm | █ 6   | --- | --- | --- |
| Phosphorus | ppm | █ 181 | --- | --- | --- |
| Barium     | ppm | █ 0   | --- | --- | --- |
| Boron      | ppm | █ 76  | --- | --- | --- |

### 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.

**Depot:** VOLVO0093  
**Unique No:** 10727819  
**Signed:** Don Baldrige  
**Report Date:** 08 Nov 2023



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## VOLVO GRAPHS

