



# CONSTRUCTION EQUIPMENT

## 23807 VOLVO A40 352615 - TRANSMISSION (AUTO)



**Sample No:** VCP408104  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** 23807



### SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP408104   | --- | --- | --- |
| Sample Date   | 28 Jul 2023 | --- | --- | --- |
| Machine Hours | 3743        | --- | --- | --- |
| Oil Hours     | 2000        | --- | --- | --- |
| Oil Changed   | Changed     | --- | --- | --- |
| Sample Status | ABNORMAL    | --- | --- | --- |

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### OIL CONDITION

|             |     |        |     |     |     |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | ■ 28.6 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



### CONTAMINATION

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Silicon   | ppm | ■ 10 | --- | --- | --- |
| Sodium    | ppm | ■ 6  | --- | --- | --- |
| Potassium | ppm | ■ 1  | --- | --- | --- |



### WEAR METALS

|            |     |      |     |     |     |
|------------|-----|------|-----|-----|-----|
| Iron       | ppm | ■ 50 | --- | --- | --- |
| Copper     | ppm | ■ 36 | --- | --- | --- |
| Lead       | ppm | ■ 2  | --- | --- | --- |
| Tin        | ppm | ■ 6  | --- | --- | --- |
| Aluminum   | ppm | ■ 27 | --- | --- | --- |
| Chromium   | ppm | ■ 0  | --- | --- | --- |
| Molybdenum | ppm | ■ <1 | --- | --- | --- |
| Nickel     | ppm | ■ 5  | --- | --- | --- |
| Titanium   | ppm | 0    | --- | --- | --- |
| Silver     | ppm | ■ 0  | --- | --- | --- |
| Manganese  | ppm | ■ 3  | --- | --- | --- |
| Vanadium   | ppm | 0    | --- | --- | --- |



### ADDITIVES

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Calcium    | ppm | ■ 117 | --- | --- | --- |
| Magnesium  | ppm | ■ 3   | --- | --- | --- |
| Zinc       | ppm | ■ 25  | --- | --- | --- |
| Phosphorus | ppm | ■ 203 | --- | --- | --- |
| Barium     | ppm | ■ 0   | --- | --- | --- |
| Boron      | ppm | ■ 70  | --- | --- | --- |

### Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor. All component wear rates are normal. Moderate concentration of visible dirt/debris present in the fluid. The condition of the fluid is acceptable for the time in service.

**Depot:** VOLVO3387  
**Unique No:** 10585712  
**Signed:** Don Baldrige  
**Report Date:** 03 Aug 2023



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## VOLVO GRAPHS

