



# CONSTRUCTION EQUIPMENT

## VOLVO L60H 622095 - TRANSMISSION (AUTO)



**Sample No:** VCP420607  
**Oil Type:** VOLVO AT 102  
**Job No:**



### SAMPLE INFORMATION

|               |             |             |     |     |
|---------------|-------------|-------------|-----|-----|
| Sample Number | VCP420607   | VCP277374   | --- | --- |
| Sample Date   | 28 Jun 2023 | 18 Aug 2020 | --- | --- |
| Machine Hours | 3479        | 481         | --- | --- |
| Oil Hours     | 0           | 0           | --- | --- |
| Oil Changed   | Not Chngd   | Not Chngd   | --- | --- |
| Sample Status | ABNORMAL    | NORMAL      | --- | --- |

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### OIL CONDITION

|             |     |        |        |     |     |
|-------------|-----|--------|--------|-----|-----|
| Visc @ 40°C | cSt | █ 24.8 | █ 26.7 | --- | --- |
|-------------|-----|--------|--------|-----|-----|



### CONTAMINATION

|           |     |      |      |     |     |
|-----------|-----|------|------|-----|-----|
| Silicon   | ppm | █ 15 | █ 11 | --- | --- |
| Sodium    | ppm | █ 6  | █ 4  | --- | --- |
| Potassium | ppm | █ 5  | █ 2  | --- | --- |



### WEAR METALS

|            |     |       |      |     |     |
|------------|-----|-------|------|-----|-----|
| Iron       | ppm | ▲ 262 | █ 60 | --- | --- |
| Copper     | ppm | █ 11  | █ 5  | --- | --- |
| Lead       | ppm | █ 0   | █ 0  | --- | --- |
| Tin        | ppm | █ <1  | █ 0  | --- | --- |
| Aluminum   | ppm | █ 2   | █ 0  | --- | --- |
| Chromium   | ppm | █ <1  | █ <1 | --- | --- |
| Molybdenum | ppm | █ <1  | █ <1 | --- | --- |
| Nickel     | ppm | █ <1  | █ <1 | --- | --- |
| Titanium   | ppm | 0     | 0    | --- | --- |
| Silver     | ppm | █ 0   | 0    | --- | --- |
| Manganese  | ppm | █ 11  | █ 8  | --- | --- |
| Vanadium   | ppm | 0     | 0    | --- | --- |



### ADDITIVES

|            |     |       |       |     |     |
|------------|-----|-------|-------|-----|-----|
| Calcium    | ppm | █ 108 | █ 87  | --- | --- |
| Magnesium  | ppm | █ 1   | █ 2   | --- | --- |
| Zinc       | ppm | █ 67  | █ 28  | --- | --- |
| Phosphorus | ppm | █ 177 | █ 149 | --- | --- |
| Barium     | ppm | █ 0   | █ 1   | --- | --- |
| Boron      | ppm | █ 40  | █ 105 | --- | --- |

### Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. All other 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:** VOLVO0090  
**Unique No:** 10547482  
**Signed:** Don Baldrige  
**Report Date:** 08 Jul 2023



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## VOLVO GRAPHS

