



CONSTRUCTION EQUIPMENT

297628 VOLVO A40G 352463 - TRANSMISSION (AUTO)



Sample No: VCP427037
Oil Type: VOLVO AT 102
Job No: 297628



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCP427037 | VCP382398 | VCP364531 | VCP359892 |
| Sample Date | 28 Jun 2023 | 21 Mar 2023 | 29 Sep 2022 | 15 Apr 2022 |
| Machine Hours | 5888 | 5136 | 4268 | 2875 |
| Oil Hours | 0 | 0 | 0 | 2875 |
| Oil Changed | Not Changd | Not Changd | N/A | Not Changd |
| Sample Status | NORMAL | NORMAL | NORMAL | ATTENTION |

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OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|------|-----|
| Visc @ 40°C | cSt | 29.0 | 29.1 | 28.8 | --- |
|-------------|-----|-------------|------|------|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|----------|---|----|---|
| Silicon | ppm | 2 | 3 | 5 | 0 |
| Sodium | ppm | 1 | 2 | 1 | 0 |
| Potassium | ppm | 1 | 0 | <1 | 0 |

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 | 7 | 7 | 11 | 4 |
| Copper | ppm | 10 | 7 | 11 | 0 |
| Lead | ppm | 0 | 0 | <1 | 0 |
| Tin | ppm | 2 | <1 | 1 | 0 |
| Aluminum | ppm | 5 | 2 | 5 | 0 |
| Chromium | ppm | 0 | 0 | 0 | 0 |
| Molybdenum | ppm | <1 | <1 | <1 | 0 |
| Nickel | ppm | 1 | 1 | <1 | 0 |
| Titanium | ppm | 0 | <1 | 0 | 0 |
| Silver | ppm | 0 | 0 | 0 | 0 |
| Manganese | ppm | <1 | 1 | <1 | <1 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|--------------|-----|-----|-----|
| Calcium | ppm | 74 | 69 | 100 | ▲ 1 |
| Magnesium | ppm | <1 | 2 | 8 | ■ 0 |
| Zinc | ppm | 0 | 0 | 19 | ▲ 0 |
| Phosphorus | ppm | 208 | 179 | 200 | ▲ 4 |
| Barium | ppm | 0 | 0 | 0 | ■ 0 |
| Boron | ppm | 109 | 96 | 94 | ▲ 2 |

Depot: SENWAT
Unique No: 10546443
Signed: Wes Davis
Report Date: 06 Jul 2023

VOLVO GRAPHS

