



CONSTRUCTION EQUIPMENT

VOLVO A30G 752302 - TRANSMISSION (AUTO)



Sample No: VCP443020
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCP443020 | VCP435654 | VCP436070 | VCP410368 |
| Sample Date | 12 Jun 2024 | 23 Oct 2023 | 01 Sep 2023 | 13 Apr 2023 |
| Machine Hours | 5450 | 4260 | 4098 | 3244 |
| Oil Hours | 0 | 2000 | 2000 | 1000 |
| Oil Changed | Not Chngd | Changed | Changed | Not Chngd |
| Sample Status | NORMAL | NORMAL | ABNORMAL | NORMAL |

RIPA AND ASSOCIATES

10149 FISHER AVENUE
TAMPA, FL
US 33619
Contact: PM Services
PMServices@ripaconstruction.com
T:
F:



OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|-------|------|
| Visc @ 40°C | cSt | 28.4 | 30.4 | 30.27 | 28.7 |
|-------------|-----|-------------|------|-------|------|



CONTAMINATION

| Water | % | NEG | NEG | NEG | NEG |
|-----------|-----|----------|-----|-----|-----|
| Silicon | ppm | 4 | 5 | 12 | 5 |
| Sodium | ppm | 2 | 5 | 4 | 4 |
| Potassium | ppm | 2 | <1 | 2 | 2 |

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 | 19 | 24 | 38 | 22 |
| Copper | ppm | 8 | 14 | 15 | 11 |
| Lead | ppm | 0 | 0 | 0 | 0 |
| Tin | ppm | 2 | 3 | 5 | 2 |
| Aluminum | ppm | 11 | 17 | 25 | 14 |
| Chromium | ppm | <1 | 0 | <1 | <1 |
| Molybdenum | ppm | <1 | 0 | <1 | <1 |
| Nickel | ppm | <1 | <1 | 2 | <1 |
| Titanium | ppm | <1 | 0 | <1 | 0 |
| Silver | ppm | 0 | 0 | 0 | 0 |
| Manganese | ppm | <1 | 1 | 2 | 2 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|--------------|-----|-----|-----|
| Calcium | ppm | 72 | 66 | 74 | 73 |
| Magnesium | ppm | 2 | 0 | 2 | <1 |
| Zinc | ppm | 10 | 2 | 6 | 2 |
| Phosphorus | ppm | 216 | 183 | 198 | 191 |
| Barium | ppm | <1 | 0 | 2 | 0 |
| Boron | ppm | 87 | 75 | 74 | 95 |

Depot: RIPTAM
Unique No: 11085073
Signed: Don Baldrige
Report Date: 19 Jun 2024



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VOLVO GRAPHS

