



CONSTRUCTION EQUIPMENT

VOLVO A30G 742569 - TRANSMISSION (AUTO)



Sample No: VCP441520
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No:



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCP441520 | VCP386057 | VCP386756 | VCP373193 |
| Sample Date | 07 Feb 2024 | 15 Nov 2022 | 09 Sep 2022 | 16 Jun 2022 |
| Machine Hours | 6850 | 5291 | 4841 | 4394 |
| Oil Hours | 0 | 500 | 500 | 2000 |
| Oil Changed | Not Chngd | Not Chngd | Not Chngd | Changed |
| Sample Status | NORMAL | NORMAL | NORMAL | NORMAL |

RIPA AND ASSOCIATES
 10149 FISHER AVENUE
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 US 33619
 Contact: PM Services
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 T:
 F:



OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|------|------|
| Visc @ 40°C | cSt | 28.9 | 28.5 | 28.7 | 38.7 |
|-------------|-----|-------------|------|------|------|



CONTAMINATION

| Water | % | NEG | NEG | NEG | NEG |
|-----------|-----|----------|-----|-----|-----|
| Silicon | ppm | 7 | 3 | 4 | 4 |
| Sodium | ppm | 2 | <1 | 2 | 0 |
| Potassium | ppm | 4 | 3 | 1 | 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 | 13 | 9 | 13 | 12 |
| Copper | ppm | 13 | 7 | 6 | 7 |
| Lead | ppm | <1 | <1 | 0 | <1 |
| Tin | ppm | 3 | 2 | 1 | 2 |
| Aluminum | ppm | 10 | 7 | 5 | 7 |
| Chromium | ppm | <1 | 0 | 0 | 0 |
| Molybdenum | ppm | 1 | <1 | <1 | <1 |
| Nickel | ppm | 2 | 0 | <1 | 0 |
| Titanium | ppm | <1 | 0 | 0 | 0 |
| Silver | ppm | 0 | 0 | 0 | 0 |
| Manganese | ppm | 2 | <1 | <1 | <1 |
| Vanadium | ppm | <1 | 0 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|------------|-----|-----|-----|
| Calcium | ppm | 73 | 77 | 74 | 79 |
| Magnesium | ppm | 3 | 2 | <1 | 2 |
| Zinc | ppm | 6 | 6 | 4 | 6 |
| Phosphorus | ppm | 195 | 187 | 187 | 202 |
| Barium | ppm | 0 | 2 | 0 | 2 |
| Boron | ppm | 99 | 84 | 88 | 112 |

Depot: RIPTAM
Unique No: 11019106
Signed: Sean Felton
Report Date: 10 May 2024



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VOLVO GRAPHS

