



CONSTRUCTION EQUIPMENT

VOLVO A40G 342253 - TRANSMISSION (AUTO)



Sample No: VCP441999

Oil Type: MOBIL ATF

Job No:



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCP441999 | VCP395131 | VCP404855 | VCP384381 |
| Sample Date | 05 Feb 2024 | 30 Oct 2023 | 29 Aug 2023 | 07 Jun 2023 |
| Machine Hours | 11196 | 10697 | 10232 | 9709 |
| Oil Hours | 499 | 465 | 523 | 540 |
| Oil Changed | Changed | Changed | Changed | Changed |
| Sample Status | NORMAL | NORMAL | ABNORMAL | NORMAL |

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OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|------|------|
| Visc @ 40°C | cSt | 30.1 | 29.7 | 27.8 | 30.6 |
|-------------|-----|-------------|------|------|------|



CONTAMINATION

| Water | % | NEG | NEG | NEG | NEG |
|-----------|-----|--------------|-----|-----|-----|
| Silicon | ppm | 3 | 4 | 3 | 2 |
| Sodium | ppm | 0 | 2 | 3 | 2 |
| Potassium | ppm | <1 | 0 | 0 | <1 |

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 | 9 | 7 | 6 | 10 |
| Copper | ppm | 4 | 4 | 4 | 4 |
| Lead | ppm | 0 | 0 | 0 | 0 |
| Tin | ppm | <1 | <1 | 1 | <1 |
| Aluminum | ppm | 2 | 3 | 3 | 4 |
| Chromium | ppm | 0 | 0 | 0 | 0 |
| Molybdenum | ppm | 3 | 2 | 0 | 2 |
| Nickel | ppm | <1 | <1 | <1 | 1 |
| Titanium | ppm | <1 | 0 | 0 | 0 |
| Silver | ppm | 0 | 0 | 0 | 0 |
| Manganese | ppm | 0 | 0 | <1 | 0 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|------------|-----|-----|-----|
| Calcium | ppm | 223 | 186 | 178 | 272 |
| Magnesium | ppm | 22 | 4 | 8 | 16 |
| Zinc | ppm | 50 | 46 | 31 | 83 |
| Phosphorus | ppm | 337 | 244 | 249 | 279 |
| Barium | ppm | 12 | 0 | 0 | 0 |
| Boron | ppm | 108 | 101 | 91 | 106 |

Depot: SCHGRE
Unique No: 10876618
Signed: Wes Davis
Report Date: 15 Feb 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

