



CONSTRUCTION EQUIPMENT

2688 VOLVO A40G 341462 - TRANSMISSION (AUTO)



Sample No: VCP453568
Oil Type: MOBIL MULTI-PURPOSE ATF
Job No: 2688



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCP453568 | VCP331519 | VCP339737 | VCP393231 |
| Sample Date | 09 May 2024 | 30 Jan 2024 | 10 Oct 2023 | 26 Jul 2023 |
| Machine Hours | 17798 | 17292 | 16887 | 16335 |
| Oil Hours | 471 | 405 | 552 | 429 |
| Oil Changed | Changed | Changed | Changed | Changed |
| Sample Status | NORMAL | NORMAL | NORMAL | NORMAL |

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OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|------|------|
| Visc @ 40°C | cSt | 28.3 | 31.0 | 30.1 | 29.7 |
|-------------|-----|-------------|------|------|------|



CONTAMINATION

| Water | % | NEG | NEG | NEG | NEG |
|-----------|-----|-----------|-----|-----|-----|
| Silicon | ppm | 11 | 2 | 3 | 3 |
| Sodium | ppm | 1 | 2 | 0 | 2 |
| Potassium | ppm | 4 | 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 | 17 | 0 | 10 | 8 |
| Copper | ppm | 9 | 1 | 3 | 1 |
| Lead | ppm | <1 | <1 | 0 | 0 |
| Tin | ppm | 2 | 0 | <1 | 0 |
| Aluminum | ppm | 5 | 3 | 2 | 2 |
| Chromium | ppm | <1 | 0 | <1 | 0 |
| Molybdenum | ppm | <1 | 0 | 1 | 0 |
| Nickel | ppm | 1 | 0 | <1 | 0 |
| Titanium | ppm | <1 | 0 | 0 | 0 |
| Silver | ppm | 0 | 0 | 0 | 0 |
| Manganese | ppm | 2 | 0 | 0 | 0 |
| Vanadium | ppm | 0 | <1 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|------------|-----|-----|-----|
| Calcium | ppm | 92 | 112 | 206 | 168 |
| Magnesium | ppm | 4 | 3 | 13 | 11 |
| Zinc | ppm | 6 | 9 | 44 | 29 |
| Phosphorus | ppm | 179 | 219 | 233 | 265 |
| Barium | ppm | 0 | 0 | 0 | 0 |
| Boron | ppm | 88 | 131 | 109 | 110 |

Depot: SCHGRE
Unique No: 11075671
Signed: Wes Davis
Report Date: 14 Jun 2024



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VOLVO GRAPHS

