



CONSTRUCTION EQUIPMENT

SWA515432 SMR VOLVO L70G 614509 - TRANSMISSION (AUTO)



Sample No: VCP453991
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: SWA515432 SMR



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP453991 | --- | --- | --- |
| Sample Date | 21 Mar 2024 | --- | --- | --- |
| Machine Hours | 4748 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

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OIL CONDITION

| | | | | | |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 27.7 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------|-----|-----|-----|
| Water | % | NEG | --- | --- | --- |
| Silicon | ppm | █ 15 | --- | --- | --- |
| Sodium | ppm | █ 8 | --- | --- | --- |
| Potassium | ppm | █ 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 | █ 70 | --- | --- | --- |
| Copper | ppm | █ 10 | --- | --- | --- |
| Lead | ppm | █ 0 | --- | --- | --- |
| Tin | ppm | █ <1 | --- | --- | --- |
| Aluminum | ppm | █ 1 | --- | --- | --- |
| Chromium | ppm | █ <1 | --- | --- | --- |
| Molybdenum | ppm | █ 0 | --- | --- | --- |
| Nickel | ppm | █ <1 | --- | --- | --- |
| Titanium | ppm | 0 | --- | --- | --- |
| Silver | ppm | █ 0 | --- | --- | --- |
| Manganese | ppm | █ 8 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-------|-----|-----|-----|
| Calcium | ppm | █ 166 | --- | --- | --- |
| Magnesium | ppm | █ 9 | --- | --- | --- |
| Zinc | ppm | █ 78 | --- | --- | --- |
| Phosphorus | ppm | █ 241 | --- | --- | --- |
| Barium | ppm | █ <1 | --- | --- | --- |
| Boron | ppm | █ 40 | --- | --- | --- |

Depot: VOLVO0095
Unique No: 10943829
Signed: Wes Davis
Report Date: 27 Mar 2024



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GRAPHS

