



CONSTRUCTION EQUIPMENT

687940 ATLAS ORG VOLVO L70 624147 - TRANSMISSION (AUTO)



Sample No: VCP455040
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 687940 ATLAS ORG



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SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | VCP455040 | VCP455076 | --- | --- |
| Sample Date | 18 Mar 2024 | 13 Mar 2024 | --- | --- |
| Machine Hours | 5718 | 5718 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | N/A | Not Changd | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |



OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|-----|-----|
| Visc @ 40°C | cSt | 28.3 | 26.9 | --- | --- |
|-------------|-----|-------------|------|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------------|-----|-----|-----|
| Water | % | NEG | NEG | --- | --- |
| Silicon | ppm | 6 | 11 | --- | --- |
| Sodium | ppm | 3 | 7 | --- | --- |
| Potassium | ppm | 3 | 2 | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|--------------|-----|-----|-----|
| Iron | ppm | 119 | 151 | --- | --- |
| Copper | ppm | 11 | 9 | --- | --- |
| Lead | ppm | 1 | <1 | --- | --- |
| Tin | ppm | <1 | <1 | --- | --- |
| Aluminum | ppm | 2 | 10 | --- | --- |
| Chromium | ppm | 1 | 2 | --- | --- |
| Molybdenum | ppm | 4 | <1 | --- | --- |
| Nickel | ppm | 1 | 1 | --- | --- |
| Titanium | ppm | <1 | <1 | --- | --- |
| Silver | ppm | <1 | 0 | --- | --- |
| Manganese | ppm | 8 | 8 | --- | --- |
| Vanadium | ppm | <1 | <1 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------------|-----|-----|-----|
| Calcium | ppm | 92 | 78 | --- | --- |
| Magnesium | ppm | 15 | 2 | --- | --- |
| Zinc | ppm | 110 | 50 | --- | --- |
| Phosphorus | ppm | 192 | 147 | --- | --- |
| Barium | ppm | 1 | 3 | --- | --- |
| Boron | ppm | 41 | 44 | --- | --- |

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.

Depot: VOLVO0096
Unique No: 10941482
Signed: Wes Davis
Report Date: 26 Mar 2024



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GRAPHS

