



CONSTRUCTION EQUIPMENT

699871 WASTE CONN VOLVO L150H 7103 - TRANSMISSION (AUTO)



Sample No: VCP455164
Oil Type: VOLVO AT 102
Job No: 699871 WASTE CONN



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCP455164 | VCP432205 | VCP412049 | VCP369942 |
| Sample Date | 01 Apr 2024 | 11 Dec 2023 | 02 Aug 2023 | 02 Dec 2022 |
| Machine Hours | 4802 | 3794 | 2574 | 1081 |
| Oil Hours | 0 | 0 | 0 | 0 |
| Oil Changed | Not Chngd | Changed | Not Chngd | Not Chngd |
| Sample Status | NORMAL | NORMAL | NORMAL | NORMAL |

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OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|------|------|
| Visc @ 40°C | cSt | 28.3 | 27.8 | 24.3 | 28.0 |
|-------------|-----|-------------|------|------|------|



CONTAMINATION

| Water | % | NEG | NEG | NEG | NEG |
|-----------|-----|----------|-----|-----|-----|
| Silicon | ppm | 5 | 4 | 4 | 7 |
| Sodium | ppm | 2 | 3 | 0 | 2 |
| Potassium | ppm | 1 | 0 | 2 | 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 | 17 | 24 | 20 | 41 |
| Copper | ppm | 3 | 4 | 3 | 4 |
| Lead | ppm | 1 | 0 | <1 | 0 |
| Tin | ppm | 1 | 0 | 0 | 0 |
| Aluminum | ppm | 2 | 0 | 0 | <1 |
| Chromium | ppm | <1 | 0 | 0 | <1 |
| Molybdenum | ppm | 1 | 0 | <1 | <1 |
| Nickel | ppm | <1 | 0 | 0 | <1 |
| Titanium | ppm | <1 | 0 | 0 | 0 |
| Silver | ppm | <1 | 0 | <1 | 0 |
| Manganese | ppm | 1 | 1 | 1 | 4 |
| Vanadium | ppm | <1 | 0 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|------------|-----|-----|-----|
| Calcium | ppm | 93 | 69 | 71 | 81 |
| Magnesium | ppm | 4 | 0 | 0 | 4 |
| Zinc | ppm | 22 | 4 | 8 | 17 |
| Phosphorus | ppm | 264 | 192 | 188 | 195 |
| Barium | ppm | 0 | 0 | <1 | 0 |
| Boron | ppm | 110 | 86 | 94 | 77 |

Depot: VOLVO0096
Unique No: 10963744
Signed: Wes Davis
Report Date: 05 Apr 2024



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VOLVO GRAPHS

