



CONSTRUCTION EQUIPMENT

621688 VOLVO L150H 6057 - TRANSMISSION (AUTO)



Sample No: VCP440799
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: 621688



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCP440799 | VCP392972 | VCP425845 | VCP381549 |
| Sample Date | 30 Oct 2023 | 10 Aug 2023 | 01 Jun 2023 | 10 Mar 2023 |
| Machine Hours | 11520 | 11051 | 10591 | 10046 |
| Oil Hours | 1000 | 3000 | 591 | 1000 |
| Oil Changed | Not Chngd | Not Chngd | Not Chngd | Not Chngd |
| Sample Status | ABNORMAL | NORMAL | NORMAL | NORMAL |

PARAGON DEVELOPMENT GROUP

402 N FRONTAGE RD
 PLANT CITY, FL
 US 33563

Contact: ED WALPOLE
 edwiv@pdgpc.com

T:
 F:



OIL CONDITION

| | | | | | |
|-------------|-----|-------------|------|------|------|
| Visc @ 40°C | cSt | 27.5 | 27.6 | 27.6 | 27.3 |
|-------------|-----|-------------|------|------|------|



CONTAMINATION

| | | | | | |
|-----------|-----|--------------|-----|-----|-----|
| Water | % | 0.105 | NEG | NEG | NEG |
| Silicon | ppm | 4 | 3 | 3 | 4 |
| Sodium | ppm | 2 | 3 | 0 | 2 |
| Potassium | ppm | 1 | 0 | 1 | 0 |

Diagnosis

No corrective action is recommended at this time. Resample at the next service interval to monitor. The iron level is abnormal. All other component wear rates are normal. There is a trace of moisture present in the fluid. The condition of the fluid is acceptable for the time in service.



WEAR METALS

| | | | | | |
|------------|-----|--------------|-----|-----|-----|
| Iron | ppm | 153 | 145 | 139 | 119 |
| Copper | ppm | 6 | 6 | 6 | 3 |
| Lead | ppm | 0 | 0 | 0 | 0 |
| Tin | ppm | 0 | 0 | 0 | 0 |
| Aluminum | ppm | <1 | 0 | 0 | <1 |
| Chromium | ppm | 0 | 0 | 0 | 0 |
| Molybdenum | ppm | 0 | 0 | 0 | 0 |
| Nickel | ppm | <1 | 0 | <1 | 0 |
| Titanium | ppm | 0 | 0 | 0 | 0 |
| Silver | ppm | 0 | 0 | 0 | 0 |
| Manganese | ppm | 1 | 1 | 1 | 2 |
| Vanadium | ppm | 0 | <1 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|------------|-----|-----|-----|
| Calcium | ppm | 70 | 73 | 76 | 72 |
| Magnesium | ppm | 2 | 0 | <1 | 4 |
| Zinc | ppm | 3 | 0 | 8 | <1 |
| Phosphorus | ppm | 186 | 184 | 180 | 183 |
| Barium | ppm | 0 | 0 | 0 | 0 |
| Boron | ppm | 73 | 83 | 86 | 81 |

Depot: PARPLA
Unique No: 10765354
Signed: Don Baldrige
Report Date: 03 Dec 2023



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

