



CONSTRUCTION EQUIPMENT

9938 VOLVO L60G 1799 - TRANSMISSION (AUTO)



Sample No: VCP388543
Oil Type: VOLVO AT 102
Job No: 9938



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | VCP388543 | VCP21565 | VCP187024 | VCP169795 |
| Sample Date | 16 Nov 2023 | 27 Feb 2018 | 23 Sep 2015 | 25 Nov 2014 |
| Machine Hours | 7929 | 4154 | 2080 | 1001 |
| Oil Hours | 0 | 0 | 0 | 0 |
| Oil Changed | Changed | Changed | Changed | Changed |
| Sample Status | NORMAL | NORMAL | NORMAL | NORMAL |

RELIABLE CONTRACTING
 2410 EVERGREEN RD SUITE 200
 GAMBRILLS, MD
 US 21054
 Contact: RUSSELL HATFIELD
 RHATFIELD@RELIABLECONTRACTING.COM
 T: (410)987-1851
 F:



OIL CONDITION

| | | | | | |
|-------------|-----|-------------|-------|-------|-------|
| Visc @ 40°C | cSt | 27.1 | 26.13 | 26.78 | 31.23 |
|-------------|-----|-------------|-------|-------|-------|



CONTAMINATION

| Water | % | NEG | NEG | NEG | NEG |
|-----------|-----|----------|-----|-----|-----|
| Silicon | ppm | 4 | 19 | 6 | 13 |
| Sodium | ppm | 3 | 3 | 4 | 4 |
| Potassium | ppm | 0 | <1 | <1 | 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 | 46 | 17 | 22 |
| Copper | ppm | 6 | 7 | 8 | 6 |
| Lead | ppm | 0 | 0 | 0 | <1 |
| Tin | ppm | 0 | 0 | 0 | <1 |
| Aluminum | ppm | <1 | 1 | <1 | 2 |
| Chromium | ppm | 0 | <1 | <1 | <1 |
| Molybdenum | ppm | 0 | 0 | <1 | <1 |
| Nickel | ppm | 0 | <1 | <1 | <1 |
| Titanium | ppm | 0 | <1 | 0 | 0 |
| Silver | ppm | 0 | 0 | 0 | 0 |
| Manganese | ppm | <1 | 2 | 3 | 7 |
| Vanadium | ppm | 0 | 0 | 0 | 0 |



ADDITIVES

| | | | | | |
|------------|-----|------------|-----|-----|-----|
| Calcium | ppm | 114 | 182 | 265 | 227 |
| Magnesium | ppm | 0 | 3 | 5 | 4 |
| Zinc | ppm | 50 | 63 | 82 | 45 |
| Phosphorus | ppm | 215 | 257 | 293 | 292 |
| Barium | ppm | 0 | 0 | <1 | 0 |
| Boron | ppm | 73 | 70 | 54 | 85 |

Depot: RELMIL
Unique No: 10753522
Signed: Wes Davis
Report Date: 22 Nov 2023



CONSTRUCTION EQUIPMENT



GRAPHS

