



CONSTRUCTION EQUIPMENT RENTALS - TRANSMISSION (AUTO)



Sample No: VCP440191
Oil Type: VOLVO AUTOMATIC TRANSMISSION FLUID AT102
Job No: RENTALS



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SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | VCP440191 | VCP430706 | --- | --- |
| Sample Date | 19 Jun 2024 | 25 Aug 2023 | --- | --- |
| Machine Hours | 1620 | 401 | --- | --- |
| Oil Hours | 0 | 0 | --- | --- |
| Oil Changed | Not Chngd | Not Chngd | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |



OIL CONDITION

| | | | | | |
|-------------|-----|-------------|-------|-----|-----|
| Visc @ 40°C | cSt | 26.5 | 28.21 | --- | --- |
|-------------|-----|-------------|-------|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|------------|-----|-----|-----|
| Water | % | NEG | NEG | --- | --- |
| Silicon | ppm | 8 | 7 | --- | --- |
| Sodium | ppm | 5 | 3 | --- | --- |
| Potassium | ppm | 4 | <1 | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|--------------|----|-----|-----|
| Iron | ppm | 87 | 64 | --- | --- |
| Copper | ppm | 5 | 3 | --- | --- |
| Lead | ppm | 0 | 0 | --- | --- |
| Tin | ppm | <1 | 0 | --- | --- |
| Aluminum | ppm | 1 | 3 | --- | --- |
| Chromium | ppm | <1 | <1 | --- | --- |
| Molybdenum | ppm | 0 | 0 | --- | --- |
| Nickel | ppm | <1 | 0 | --- | --- |
| Titanium | ppm | 0 | 0 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | 5 | 4 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------------|-----|-----|-----|
| Calcium | ppm | 74 | 77 | --- | --- |
| Magnesium | ppm | 2 | 3 | --- | --- |
| Zinc | ppm | 14 | 10 | --- | --- |
| Phosphorus | ppm | 200 | 188 | --- | --- |
| Barium | ppm | 3 | 5 | --- | --- |
| Boron | ppm | 71 | 88 | --- | --- |

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: VOLVO0093
Unique No: 11096882
Signed: Sean Felton
Report Date: 26 Jun 2024



CONSTRUCTION EQUIPMENT



VOLVO GRAPHS

