



# CONSTRUCTION EQUIPMENT

## SPM702771 WASTE MGMT VOLVO L220E 2194 - TRANSMISSION (AUTO)



**Sample No:** VCP453994  
**Oil Type:** VOLVO AUTOMATIC TRANSMISSION FLUID AT102  
**Job No:** SPM702771 WASTE MGMT



### SAMPLE INFORMATION

|               |                    |             |             |     |
|---------------|--------------------|-------------|-------------|-----|
| Sample Number | <b>VCP453994</b>   | VCP404601   | VCP365276   | --- |
| Sample Date   | <b>08 Jul 2024</b> | 25 Apr 2023 | 10 Oct 2022 | --- |
| Machine Hours | <b>25071</b>       | 24189       | 25053       | --- |
| Oil Hours     | <b>0</b>           | 0           | 0           | --- |
| Oil Changed   | <b>Not Chngd</b>   | Not Chngd   | Not Chngd   | --- |
| Sample Status | <b>NORMAL</b>      | ABNORMAL    | NORMAL      | --- |

**WASTE MANAGEMENT - GARY**  
 1508 SHERMAN ST  
 GARY, IN  
 US 46406  
 Contact: TARA RORK



### OIL CONDITION

|             |     |             |      |      |     |
|-------------|-----|-------------|------|------|-----|
| Visc @ 40°C | cSt | <b>25.9</b> | 25.1 | 26.5 | --- |
|-------------|-----|-------------|------|------|-----|

T:  
F:



### CONTAMINATION

| Water     | %   | NEG          | NEG | NEG | --- |
|-----------|-----|--------------|-----|-----|-----|
| Silicon   | ppm | <b>8</b>     | 10  | 10  | --- |
| Sodium    | ppm | <b>6</b>     | 5   | 5   | --- |
| Potassium | ppm | <b>&lt;1</b> | 2   | 0   | --- |

### 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 | <b>13</b> | 14 | 15 | --- |
| Copper     | ppm | <b>9</b>  | 8  | 11 | --- |
| Lead       | ppm | <b>0</b>  | 0  | 0  | --- |
| Tin        | ppm | <b>0</b>  | 0  | 0  | --- |
| Aluminum   | ppm | <b>6</b>  | 4  | 5  | --- |
| Chromium   | ppm | <b>0</b>  | 0  | 0  | --- |
| Molybdenum | ppm | <b>0</b>  | 0  | <1 | --- |
| Nickel     | ppm | <b>0</b>  | 0  | 0  | --- |
| Titanium   | ppm | <b>0</b>  | 0  | 0  | --- |
| Silver     | ppm | <b>0</b>  | 0  | 0  | --- |
| Manganese  | ppm | <b>0</b>  | 0  | <1 | --- |
| Vanadium   | ppm | <b>0</b>  | 0  | <1 | --- |



### ADDITIVES

|            |     |            |     |     |     |
|------------|-----|------------|-----|-----|-----|
| Calcium    | ppm | <b>95</b>  | 81  | 239 | --- |
| Magnesium  | ppm | <b>0</b>   | 5   | 2   | --- |
| Zinc       | ppm | <b>58</b>  | 81  | 155 | --- |
| Phosphorus | ppm | <b>302</b> | 293 | 356 | --- |
| Barium     | ppm | <b>0</b>   | 0   | 0   | --- |
| Boron      | ppm | <b>86</b>  | 111 | 98  | --- |

**Depot:** WASGARIN  
**Unique No:** 11129677  
**Signed:** Wes Davis  
**Report Date:** 19 Jul 2024



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

