



# CONSTRUCTION EQUIPMENT

X36942 5547 - TRANSMISSION (AUTO)



**Sample No:** VCP414318

**Oil Type:** VOLVO

**Job No:** X36942



## SAMPLE INFORMATION

|               |                    |             |     |     |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | <b>VCP414318</b>   | VCP387018   | --- | --- |
| Sample Date   | <b>10 Nov 2023</b> | 23 Nov 2022 | --- | --- |
| Machine Hours | <b>5734</b>        | 3143        | --- | --- |
| Oil Hours     | <b>0</b>           | 0           | --- | --- |
| Oil Changed   | <b>N/A</b>         | Not Changd  | --- | --- |
| Sample Status | <b>NORMAL</b>      | NORMAL      | --- | --- |



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## OIL CONDITION

|             |     |             |      |     |     |
|-------------|-----|-------------|------|-----|-----|
| Visc @ 40°C | cSt | <b>28.7</b> | 27.6 | --- | --- |
|-------------|-----|-------------|------|-----|-----|



## CONTAMINATION

|           |     |              |   |     |     |
|-----------|-----|--------------|---|-----|-----|
| Silicon   | ppm | <b>6</b>     | 9 | --- | --- |
| Sodium    | ppm | <b>3</b>     | 0 | --- | --- |
| Potassium | ppm | <b>&lt;1</b> | 0 | --- | --- |



## WEAR METALS

|            |     |              |    |     |     |
|------------|-----|--------------|----|-----|-----|
| Iron       | ppm | <b>23</b>    | 67 | --- | --- |
| Copper     | ppm | <b>3</b>     | 9  | --- | --- |
| Lead       | ppm | <b>0</b>     | 0  | --- | --- |
| Tin        | ppm | <b>&lt;1</b> | 0  | --- | --- |
| Aluminum   | ppm | <b>2</b>     | <1 | --- | --- |
| Chromium   | ppm | <b>0</b>     | <1 | --- | --- |
| Molybdenum | ppm | <b>0</b>     | 0  | --- | --- |
| Nickel     | ppm | <b>&lt;1</b> | 0  | --- | --- |
| Titanium   | ppm | <b>0</b>     | 0  | --- | --- |
| Silver     | ppm | <b>&lt;1</b> | 0  | --- | --- |
| Manganese  | ppm | <b>1</b>     | 4  | --- | --- |
| Vanadium   | ppm | <b>0</b>     | 0  | --- | --- |



## ADDITIVES

|            |     |            |     |     |     |
|------------|-----|------------|-----|-----|-----|
| Calcium    | ppm | <b>71</b>  | 71  | --- | --- |
| Magnesium  | ppm | <b>1</b>   | 0   | --- | --- |
| Zinc       | ppm | <b>0</b>   | 16  | --- | --- |
| Phosphorus | ppm | <b>188</b> | 187 | --- | --- |
| Barium     | ppm | <b>0</b>   | 3   | --- | --- |
| Boron      | ppm | <b>88</b>  | 79  | --- | --- |

## 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:** VOLVO6242  
**Unique No:** 10749087  
**Signed:** Wes Davis  
**Report Date:** 17 Nov 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

