



# CONSTRUCTION EQUIPMENT

547345-20 VOLVO A25G 752249 - REAR AXLE



**Sample No:** VCP434253

**Oil Type:** {unknown}

**Job No:** 547345-20



## SAMPLE INFORMATION

|               |                    |             |     |     |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | <b>VCP434253</b>   | VCP425183   | --- | --- |
| Sample Date   | <b>02 May 2024</b> | 10 Jul 2023 | --- | --- |
| Machine Hours | <b>1693</b>        | 1125        | --- | --- |
| Oil Hours     | <b>0</b>           | 0           | --- | --- |
| Oil Changed   | <b>Not Chngd</b>   | N/A         | --- | --- |
| Sample Status | <b>NORMAL</b>      | NORMAL      | --- | --- |

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## OIL CONDITION

|             |     |             |      |     |     |
|-------------|-----|-------------|------|-----|-----|
| Visc @ 40°C | cSt | <b>88.7</b> | 89.2 | --- | --- |
|-------------|-----|-------------|------|-----|-----|



## CONTAMINATION

|           |     |            |     |     |     |
|-----------|-----|------------|-----|-----|-----|
| Water     | %   | <b>NEG</b> | NEG | --- | --- |
| Silicon   | ppm | <b>6</b>   | 5   | --- | --- |
| Sodium    | ppm | <b>2</b>   | 1   | --- | --- |
| Potassium | ppm | <b>5</b>   | 5   | --- | --- |



## WEAR METALS

|            |     |              |     |     |     |
|------------|-----|--------------|-----|-----|-----|
| Iron       | ppm | <b>177</b>   | 182 | --- | --- |
| Copper     | ppm | <b>31</b>    | 30  | --- | --- |
| Lead       | ppm | <b>2</b>     | <1  | --- | --- |
| Tin        | ppm | <b>3</b>     | 2   | --- | --- |
| Aluminum   | ppm | <b>&lt;1</b> | <1  | --- | --- |
| Chromium   | ppm | <b>5</b>     | 4   | --- | --- |
| Molybdenum | ppm | <b>12</b>    | 14  | --- | --- |
| Nickel     | ppm | <b>3</b>     | 2   | --- | --- |
| Titanium   | ppm | <b>&lt;1</b> | 0   | --- | --- |
| Silver     | ppm | <b>&lt;1</b> | 0   | --- | --- |
| Manganese  | ppm | <b>11</b>    | 13  | --- | --- |
| Vanadium   | ppm | <b>0</b>     | 0   | --- | --- |



## ADDITIVES

|            |     |              |      |     |     |
|------------|-----|--------------|------|-----|-----|
| Calcium    | ppm | <b>887</b>   | 909  | --- | --- |
| Magnesium  | ppm | <b>&lt;1</b> | 2    | --- | --- |
| Zinc       | ppm | <b>371</b>   | 390  | --- | --- |
| Phosphorus | ppm | <b>1431</b>  | 1427 | --- | --- |
| Barium     | ppm | <b>4</b>     | 4    | --- | --- |
| Boron      | ppm | <b>243</b>   | 249  | --- | --- |

## Diagnosis

Resample at the next service interval to monitor. Please specify the brand, type, and viscosity of the oil on your next sample. All component wear rates are normal. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO2990  
**Unique No:** 11016384  
**Signed:** Wes Davis  
**Report Date:** 07 May 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

