



# CONSTRUCTION EQUIPMENT

## 16735 VOLVO A30G 753669 - REAR AXLE



**Sample No:** VCP439998  
**Oil Type:** VOLVO  
**Job No:** 16735



### SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP439998   | --- | --- | --- |
| Sample Date   | 21 May 2024 | --- | --- | --- |
| Machine Hours | 109         | --- | --- | --- |
| Oil Hours     | 109         | --- | --- | --- |
| Oil Changed   | Not Chngd   | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |

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### OIL CONDITION

|             |     |        |     |     |     |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 96.4 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



### CONTAMINATION

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Water     | %   | NEG  | --- | --- | --- |
| Silicon   | ppm | █ 4  | --- | --- | --- |
| Sodium    | ppm | █ <1 | --- | --- | --- |
| Potassium | ppm | █ 3  | --- | --- | --- |

### Diagnosis

Resample at the next service interval to monitor. 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.



### WEAR METALS

|            |     |      |     |     |     |
|------------|-----|------|-----|-----|-----|
| Iron       | ppm | █ 78 | --- | --- | --- |
| Copper     | ppm | █ 5  | --- | --- | --- |
| Lead       | ppm | █ 0  | --- | --- | --- |
| Tin        | ppm | █ <1 | --- | --- | --- |
| Aluminum   | ppm | █ <1 | --- | --- | --- |
| Chromium   | ppm | █ 2  | --- | --- | --- |
| Molybdenum | ppm | 3    | --- | --- | --- |
| Nickel     | ppm | █ <1 | --- | --- | --- |
| Titanium   | ppm | 0    | --- | --- | --- |
| Silver     | ppm | <1   | --- | --- | --- |
| Manganese  | ppm | 7    | --- | --- | --- |
| Vanadium   | ppm | 0    | --- | --- | --- |



### ADDITIVES

|            |     |      |     |     |     |
|------------|-----|------|-----|-----|-----|
| Calcium    | ppm | 489  | --- | --- | --- |
| Magnesium  | ppm | 0    | --- | --- | --- |
| Zinc       | ppm | 219  | --- | --- | --- |
| Phosphorus | ppm | 1264 | --- | --- | --- |
| Barium     | ppm | 0    | --- | --- | --- |
| Boron      | ppm | 273  | --- | --- | --- |

**Depot:** VOLVO4596  
**Unique No:** 11044776  
**Signed:** Wes Davis  
**Report Date:** 24 May 2024



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## GRAPHS

