



# CONSTRUCTION EQUIPMENT

W07013096 VOLVO A30G 753159 - BOGIE/CENTER AXLE



**Sample No:** VCP418310  
**Oil Type:** GEAR OIL SAE 75W90  
**Job No:** W07013096



## SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP418310   | --- | --- | --- |
| Sample Date   | 17 Jul 2023 | --- | --- | --- |
| Machine Hours | 0           | --- | --- | --- |
| Oil Hours     | 0           | --- | --- | --- |
| Oil Changed   | Not Chngd   | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |

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## OIL CONDITION

|             |     |     |     |     |     |
|-------------|-----|-----|-----|-----|-----|
| Visc @ 40°C | cSt | 193 | --- | --- | --- |
|-------------|-----|-----|-----|-----|-----|



## CONTAMINATION

|           |     |    |     |     |     |
|-----------|-----|----|-----|-----|-----|
| Silicon   | ppm | 2  | --- | --- | --- |
| Sodium    | ppm | <1 | --- | --- | --- |
| Potassium | ppm | 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 oil. Confirm oil type. The condition of the oil is acceptable for the time in service.



## WEAR METALS

|            |     |     |     |     |     |
|------------|-----|-----|-----|-----|-----|
| Iron       | ppm | 114 | --- | --- | --- |
| Copper     | ppm | 10  | --- | --- | --- |
| Lead       | ppm | 0   | --- | --- | --- |
| Tin        | ppm | 0   | --- | --- | --- |
| Aluminum   | ppm | <1  | --- | --- | --- |
| Chromium   | ppm | 2   | --- | --- | --- |
| Molybdenum | ppm | 2   | --- | --- | --- |
| Nickel     | ppm | <1  | --- | --- | --- |
| Titanium   | ppm | 0   | --- | --- | --- |
| Silver     | ppm | 0   | --- | --- | --- |
| Manganese  | ppm | 3   | --- | --- | --- |
| Vanadium   | ppm | 0   | --- | --- | --- |



## ADDITIVES

|            |     |     |     |     |     |
|------------|-----|-----|-----|-----|-----|
| Calcium    | ppm | 237 | --- | --- | --- |
| Magnesium  | ppm | 4   | --- | --- | --- |
| Zinc       | ppm | 114 | --- | --- | --- |
| Phosphorus | ppm | 688 | --- | --- | --- |
| Barium     | ppm | 0   | --- | --- | --- |
| Boron      | ppm | 92  | --- | --- | --- |

**Depot:** VOLVO8882  
**Unique No:** 10573574  
**Signed:** Don Baldrige  
**Report Date:** 27 Jul 2023



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## GRAPHS

