



# CONSTRUCTION EQUIPMENT

## 17467 VOLVO A35G 342092 - BOGIE/CENTER AXLE



**Sample No:** VCP357395  
**Oil Type:** VOLVO API GL-5 SAE 75W90  
**Job No:** 17467



### SAMPLE INFORMATION

|               |             |             |     |     |
|---------------|-------------|-------------|-----|-----|
| Sample Number | VCP357395   | VCP281922   | --- | --- |
| Sample Date   | 10 Jun 2022 | 17 Jul 2020 | --- | --- |
| Machine Hours | 6606        | 3750        | --- | --- |
| Oil Hours     | 0           | 0           | --- | --- |
| Oil Changed   | Changed     | Not Chngd   | --- | --- |
| Sample Status | NORMAL      | NORMAL      | --- | --- |

**VCES- VOLVO CONSTRUCTION EQUIPMENT**  
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### OIL CONDITION

|             |     |       |       |     |     |
|-------------|-----|-------|-------|-----|-----|
| Visc @ 40°C | cSt | █ 138 | █ 138 | --- | --- |
|-------------|-----|-------|-------|-----|-----|



### CONTAMINATION

|           |     |     |      |     |     |
|-----------|-----|-----|------|-----|-----|
| Water     | %   | NEG | NEG  | --- | --- |
| Silicon   | ppm | █ 4 | █ 2  | --- | --- |
| Sodium    | ppm | █ 0 | █ <1 | --- | --- |
| Potassium | ppm | █ 0 | █ <1 | --- | --- |



### WEAR METALS

|            |     |      |       |     |     |
|------------|-----|------|-------|-----|-----|
| Iron       | ppm | █ 60 | █ 100 | --- | --- |
| Copper     | ppm | █ 1  | █ <1  | --- | --- |
| Lead       | ppm | █ 0  | █ 0   | --- | --- |
| Tin        | ppm | █ 0  | █ 0   | --- | --- |
| Aluminum   | ppm | █ <1 | █ 0   | --- | --- |
| Chromium   | ppm | █ <1 | █ 2   | --- | --- |
| Molybdenum | ppm | █ <1 | █ <1  | --- | --- |
| Nickel     | ppm | █ <1 | █ <1  | --- | --- |
| Titanium   | ppm | <1   | 0     | --- | --- |
| Silver     | ppm | 2    | 0     | --- | --- |
| Manganese  | ppm | █ 3  | █ 5   | --- | --- |
| Vanadium   | ppm | 0    | 0     | --- | --- |



### ADDITIVES

|            |     |        |       |     |     |
|------------|-----|--------|-------|-----|-----|
| Calcium    | ppm | █ 45   | █ 25  | --- | --- |
| Magnesium  | ppm | █ 0    | █ <1  | --- | --- |
| Zinc       | ppm | █ 19   | █ 9   | --- | --- |
| Phosphorus | ppm | █ 1133 | █ 989 | --- | --- |
| Barium     | ppm | █ 0    | █ 0   | --- | --- |
| Boron      | ppm | █ 248  | █ 178 | --- | --- |

### 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.

**Depot:** VOLVO4485  
**Unique No:** 10021239  
**Signed:** Wes Davis  
**Report Date:** 20 Jun 2022



# CONSTRUCTION EQUIPMENT



## GRAPHS

