



# CONSTRUCTION EQUIPMENT

## VOLVO 310620 - SWING DRIVE



**Sample No:** VCP0007935

**Oil Type:** NOT GIVEN

**Job No:**



### SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP0007935  | --- | --- | --- |
| Sample Date   | 05 Dec 2023 | --- | --- | --- |
| Machine Hours | 5999        | --- | --- | --- |
| Oil Hours     | 5999        | --- | --- | --- |
| Oil Changed   | N/A         | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |

**ALTA EQUIPMENT COMPANY**  
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### OIL CONDITION

|             |     |       |     |     |     |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 213 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



### CONTAMINATION

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Water     | %   | NEG  | --- | --- | --- |
| Silicon   | ppm | █ 10 | --- | --- | --- |
| Sodium    | ppm | █ 2  | --- | --- | --- |
| Potassium | ppm | █ 3  | --- | --- | --- |

### 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.



### WEAR METALS

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Iron       | ppm | █ 150 | --- | --- | --- |
| Copper     | ppm | █ 6   | --- | --- | --- |
| Lead       | ppm | █ 0   | --- | --- | --- |
| Tin        | ppm | █ 0   | --- | --- | --- |
| Aluminum   | ppm | █ 0   | --- | --- | --- |
| Chromium   | ppm | █ 2   | --- | --- | --- |
| Molybdenum | ppm | 2     | --- | --- | --- |
| Nickel     | ppm | █ 0   | --- | --- | --- |
| Titanium   | ppm | 0     | --- | --- | --- |
| Silver     | ppm | 0     | --- | --- | --- |
| Manganese  | ppm | 2     | --- | --- | --- |
| Vanadium   | ppm | < 1   | --- | --- | --- |



### ADDITIVES

|            |     |      |     |     |     |
|------------|-----|------|-----|-----|-----|
| Calcium    | ppm | 76   | --- | --- | --- |
| Magnesium  | ppm | 0    | --- | --- | --- |
| Zinc       | ppm | 40   | --- | --- | --- |
| Phosphorus | ppm | 1189 | --- | --- | --- |
| Barium     | ppm | 0    | --- | --- | --- |
| Boron      | ppm | 157  | --- | --- | --- |

**Depot:** VOLVO0092  
**Unique No:** 10777946  
**Signed:** Don Baldrige  
**Report Date:** 10 Dec 2023



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## GRAPHS

