



# CONSTRUCTION EQUIPMENT

702216 ALTA RENTS VOLVO A30G 753623 - BOGIE/CENTER AXLE



**Sample No:** VCP446160  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 702216 ALTA RENTS



## SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP446160   | --- | --- | --- |
| Sample Date   | 17 Apr 2024 | --- | --- | --- |
| Machine Hours | 749         | --- | --- | --- |
| Oil Hours     | 0           | --- | --- | --- |
| Oil Changed   | Not Chngd   | --- | --- | --- |
| Sample Status | ATTENTION   | --- | --- | --- |

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC  
8418 PALM RIVER ROAD  
TAMPA, FL  
US 33619  
Contact: KENNY HANEY  
khaney@flaglerce.com  
T: (813)630-0077  
F: (813)630-2233



## OIL CONDITION

|             |     |       |     |     |     |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | ● 104 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



## CONTAMINATION

|           |     |     |     |     |     |
|-----------|-----|-----|-----|-----|-----|
| Water     | %   | NEG | --- | --- | --- |
| Silicon   | ppm | ■ 4 | --- | --- | --- |
| Sodium    | ppm | ■ 1 | --- | --- | --- |
| Potassium | ppm | ■ 4 | --- | --- | --- |

## 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 oil viscosity is lower than normal. Confirm oil type.



## WEAR METALS

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Iron       | ppm | ■ 265 | --- | --- | --- |
| Copper     | ppm | ■ 8   | --- | --- | --- |
| Lead       | ppm | ■ <1  | --- | --- | --- |
| Tin        | ppm | ■ <1  | --- | --- | --- |
| Aluminum   | ppm | ■ <1  | --- | --- | --- |
| Chromium   | ppm | ■ 5   | --- | --- | --- |
| Molybdenum | ppm | ■ 8   | --- | --- | --- |
| Nickel     | ppm | ■ 2   | --- | --- | --- |
| Titanium   | ppm | <1    | --- | --- | --- |
| Silver     | ppm | 0     | --- | --- | --- |
| Manganese  | ppm | ■ 12  | --- | --- | --- |
| Vanadium   | ppm | <1    | --- | --- | --- |



## ADDITIVES

|            |     |        |     |     |     |
|------------|-----|--------|-----|-----|-----|
| Calcium    | ppm | ■ 215  | --- | --- | --- |
| Magnesium  | ppm | ■ 1    | --- | --- | --- |
| Zinc       | ppm | ■ 92   | --- | --- | --- |
| Phosphorus | ppm | ■ 1305 | --- | --- | --- |
| Barium     | ppm | ■ 3    | --- | --- | --- |
| Boron      | ppm | ■ 259  | --- | --- | --- |

**Depot:** VOLVO0093  
**Unique No:** 10991830  
**Signed:** Don Baldrige  
**Report Date:** 24 Apr 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

