



# CONSTRUCTION EQUIPMENT

10132 MULFORD VOLVO A30G 753524 - REAR AXLE



**Sample No:** VCP429464  
**Oil Type:** VOLVO SUPER GEAR OIL 75W-80-GO102  
**Job No:** 10132 MULFORD



**MCCLUNG-LOGAN EQUIPMENT CO - BALTIMORE**  
 4601 WASHINGTON BOULEVARD  
 BALTIMORE, MD  
 US 21227  
 Contact: MARK CIULLA  
 mciulla@mcclung-logan.com  
 T: (410)242-6500  
 F: (410)242-7835



## SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP429464   | --- | --- | --- |
| Sample Date   | 16 Jan 2024 | --- | --- | --- |
| Machine Hours | 683         | --- | --- | --- |
| Oil Hours     | 0           | --- | --- | --- |
| Oil Changed   | Changed     | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |



## OIL CONDITION

|             |     |        |     |     |     |
|-------------|-----|--------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 87.4 | --- | --- | --- |
|-------------|-----|--------|-----|-----|-----|



## CONTAMINATION

|           |     |     |     |     |     |
|-----------|-----|-----|-----|-----|-----|
| Water     | %   | NEG | --- | --- | --- |
| Silicon   | ppm | █ 5 | --- | --- | --- |
| Sodium    | ppm | █ 0 | --- | --- | --- |
| Potassium | ppm | █ 6 | --- | --- | --- |



## WEAR METALS

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Iron       | ppm | █ 185 | --- | --- | --- |
| Copper     | ppm | █ 11  | --- | --- | --- |
| Lead       | ppm | █ <1  | --- | --- | --- |
| Tin        | ppm | █ <1  | --- | --- | --- |
| Aluminum   | ppm | █ 1   | --- | --- | --- |
| Chromium   | ppm | █ 4   | --- | --- | --- |
| Molybdenum | ppm | █ 5   | --- | --- | --- |
| Nickel     | ppm | █ 2   | --- | --- | --- |
| Titanium   | ppm | <1    | --- | --- | --- |
| Silver     | ppm | 0     | --- | --- | --- |
| Manganese  | ppm | █ 8   | --- | --- | --- |
| Vanadium   | ppm | 0     | --- | --- | --- |



## ADDITIVES

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Calcium    | ppm | 900   | --- | --- | --- |
| Magnesium  | ppm | █ 2   | --- | --- | --- |
| Zinc       | ppm | 394   | --- | --- | --- |
| Phosphorus | ppm | 1333  | --- | --- | --- |
| Barium     | ppm | █ 6   | --- | --- | --- |
| Boron      | ppm | █ 265 | --- | --- | --- |

## 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:** VOLVO0150  
**Unique No:** 10845883  
**Signed:** Wes Davis  
**Report Date:** 24 Jan 2024



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## GRAPHS

