



# CONSTRUCTION EQUIPMENT

## 639041 VOLVO A30 753223 - REAR AXLE



**Sample No:** VCP437684  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 639041



### SAMPLE INFORMATION

|               |                    |             |     |     |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | <b>VCP437684</b>   | VCP431290   | --- | --- |
| Sample Date   | <b>04 Jan 2024</b> | 16 Oct 2023 | --- | --- |
| Machine Hours | <b>1548</b>        | 1012        | --- | --- |
| Oil Hours     | <b>0</b>           | 0           | --- | --- |
| Oil Changed   | <b>Not Chngd</b>   | Changed     | --- | --- |
| Sample Status | <b>NORMAL</b>      | ATTENTION   | --- | --- |

**BLUE GOOSE GROWERS**  
 16059 W ORANGE AVE  
 FT PIERCE, FL  
 US 34945  
 Contact: SERVICE MANAGER



### OIL CONDITION

|             |     |            |        |     |     |
|-------------|-----|------------|--------|-----|-----|
| Visc @ 40°C | cSt | <b>240</b> | ▲ 96.8 | --- | --- |
|-------------|-----|------------|--------|-----|-----|

T: (772)461-3020  
 F:



### CONTAMINATION

| Water     | %   | NEG      | NEG | --- | --- |
|-----------|-----|----------|-----|-----|-----|
| Silicon   | ppm | <b>2</b> | 6   | --- | --- |
| Sodium    | ppm | <b>1</b> | 2   | --- | --- |
| Potassium | ppm | <b>0</b> | 5   | --- | --- |

**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.



### WEAR METALS

|            |     |              |     |     |     |
|------------|-----|--------------|-----|-----|-----|
| Iron       | ppm | <b>114</b>   | 468 | --- | --- |
| Copper     | ppm | <b>10</b>    | 43  | --- | --- |
| Lead       | ppm | <b>0</b>     | 0   | --- | --- |
| Tin        | ppm | <b>&lt;1</b> | 2   | --- | --- |
| Aluminum   | ppm | <b>0</b>     | <1  | --- | --- |
| Chromium   | ppm | <b>2</b>     | 8   | --- | --- |
| Molybdenum | ppm | <b>&lt;1</b> | 6   | --- | --- |
| Nickel     | ppm | <b>&lt;1</b> | 4   | --- | --- |
| Titanium   | ppm | <b>0</b>     | 0   | --- | --- |
| Silver     | ppm | <b>0</b>     | 0   | --- | --- |
| Manganese  | ppm | <b>3</b>     | 13  | --- | --- |
| Vanadium   | ppm | <b>0</b>     | <1  | --- | --- |



### ADDITIVES

|            |     |             |      |     |     |
|------------|-----|-------------|------|-----|-----|
| Calcium    | ppm | <b>163</b>  | 485  | --- | --- |
| Magnesium  | ppm | <b>18</b>   | 0    | --- | --- |
| Zinc       | ppm | <b>84</b>   | 193  | --- | --- |
| Phosphorus | ppm | <b>1116</b> | 1425 | --- | --- |
| Barium     | ppm | <b>0</b>    | 0    | --- | --- |
| Boron      | ppm | <b>177</b>  | 252  | --- | --- |

**Depot:** BLUFOR  
**Unique No:** 10821559  
**Signed:** Wes Davis  
**Report Date:** 10 Jan 2024



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## GRAPHS

