



# CONSTRUCTION EQUIPMENT

## 728045 VOLVO A30G 753001 - FRONT AXLE



**Sample No:** VCP454888  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** 728045



### SAMPLE INFORMATION

|               |                    |             |             |             |
|---------------|--------------------|-------------|-------------|-------------|
| Sample Number | <b>VCP454888</b>   | VCP438357   | VCP446891   | VCP432030   |
| Sample Date   | <b>03 Jun 2024</b> | 14 Mar 2024 | 14 Feb 2024 | 12 Dec 2023 |
| Machine Hours | <b>2981</b>        | 2475        | 2293        | 1980        |
| Oil Hours     | <b>0</b>           | 0           | 0           | 0           |
| Oil Changed   | <b>Not Chngd</b>   | Not Chngd   | Not Chngd   | Changed     |
| Sample Status | <b>NORMAL</b>      | NORMAL      | NORMAL      | NORMAL      |

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

### OIL CONDITION

|             |     |            |     |     |     |
|-------------|-----|------------|-----|-----|-----|
| Visc @ 40°C | cSt | <b>300</b> | 305 | 297 | 294 |
|-------------|-----|------------|-----|-----|-----|

T: (772)461-3020  
 F:

### CONTAMINATION

| Water     | %   | NEG          | NEG | NEG | NEG |
|-----------|-----|--------------|-----|-----|-----|
| Silicon   | ppm | <b>&lt;1</b> | 2   | 1   | <1  |
| Sodium    | ppm | <b>0</b>     | 0   | 0   | <1  |
| Potassium | ppm | <b>0</b>     | 2   | 0   | 0   |

### 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>81</b>    | 67 | 68 | 72 |
| Copper     | ppm | <b>4</b>     | 3  | 2  | 3  |
| Lead       | ppm | <b>0</b>     | 0  | 0  | 0  |
| Tin        | ppm | <b>0</b>     | <1 | 0  | 0  |
| Aluminum   | ppm | <b>0</b>     | 2  | 0  | 0  |
| Chromium   | ppm | <b>&lt;1</b> | 1  | <1 | <1 |
| Molybdenum | ppm | <b>0</b>     | 1  | <1 | <1 |
| Nickel     | ppm | <b>0</b>     | <1 | 0  | 0  |
| Titanium   | ppm | <b>0</b>     | <1 | <1 | 0  |
| Silver     | ppm | <b>0</b>     | 0  | 0  | 0  |
| Manganese  | ppm | <b>2</b>     | 1  | 1  | 1  |
| Vanadium   | ppm | <b>0</b>     | 0  | 0  | 0  |

### ADDITIVES

|            |     |             |     |      |      |
|------------|-----|-------------|-----|------|------|
| Calcium    | ppm | <b>50</b>   | 53  | 122  | 129  |
| Magnesium  | ppm | <b>2</b>    | 3   | <1   | 0    |
| Zinc       | ppm | <b>20</b>   | 22  | 53   | 47   |
| Phosphorus | ppm | <b>1027</b> | 951 | 1018 | 1106 |
| Barium     | ppm | <b>0</b>    | 0   | 0    | 0    |
| Boron      | ppm | <b>209</b>  | 167 | 175  | 184  |

**Depot:** BLUFOR  
**Unique No:** 11070541  
**Signed:** Don Baldrige  
**Report Date:** 10 Jun 2024



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

