



# CONSTRUCTION EQUIPMENT

689229 STONE CO VOLVO EC350E 314488 - FRONT RIGHT FINAL DRIVE



**Sample No:** VCP447065  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** 689229 STONE CO



**ALTA EQUIPMENT COMPANY - METRO WEST**  
 56195 PONTIAC TRAIL  
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## SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP447065   | --- | --- | --- |
| Sample Date   | 01 Apr 2024 | --- | --- | --- |
| Machine Hours | 1972        | --- | --- | --- |
| Oil Hours     | 1972        | --- | --- | --- |
| Oil Changed   | Changed     | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |

## OIL CONDITION

|             |     |       |     |     |     |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 181 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|

## CONTAMINATION

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Water     | %   | NEG  | --- | --- | --- |
| Silicon   | ppm | █ 28 | --- | --- | --- |
| Sodium    | ppm | █ <1 | --- | --- | --- |
| Potassium | ppm | █ 2  | --- | --- | --- |

## WEAR METALS

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Iron       | ppm | █ 164 | --- | --- | --- |
| Copper     | ppm | █ <1  | --- | --- | --- |
| Lead       | ppm | █ 0   | --- | --- | --- |
| Tin        | ppm | █ 0   | --- | --- | --- |
| Aluminum   | ppm | █ 5   | --- | --- | --- |
| Chromium   | ppm | █ 6   | --- | --- | --- |
| Molybdenum | ppm | █ 0   | --- | --- | --- |
| Nickel     | ppm | █ <1  | --- | --- | --- |
| Titanium   | ppm | 0     | --- | --- | --- |
| Silver     | ppm | 0     | --- | --- | --- |
| Manganese  | ppm | █ 2   | --- | --- | --- |
| Vanadium   | ppm | 0     | --- | --- | --- |

## ADDITIVES

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Calcium    | ppm | █ 75  | --- | --- | --- |
| Magnesium  | ppm | █ 37  | --- | --- | --- |
| Zinc       | ppm | █ 0   | --- | --- | --- |
| Phosphorus | ppm | █ 124 | --- | --- | --- |
| Barium     | ppm | █ 0   | --- | --- | --- |
| Boron      | ppm | █ 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.

**Depot:** VOLVO2990  
**Unique No:** 10969466  
**Signed:** Don Baldrige  
**Report Date:** 13 Apr 2024



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## GRAPHS

