



# CONSTRUCTION EQUIPMENT

SW-34060-2 RAMSEY VOLVO EC550E 310289 - LEFT SWING DRIVE



**Sample No:** VCP397020  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** SW-34060-2 RAMSEY



## SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP397020   | --- | --- | --- |
| Sample Date   | 06 May 2024 | --- | --- | --- |
| Machine Hours | 558         | --- | --- | --- |
| Oil Hours     | 558         | --- | --- | --- |
| Oil Changed   | Changed     | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |

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## OIL CONDITION

|             |     |       |     |     |     |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 194 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



## CONTAMINATION

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Water     | %   | NEG  | --- | --- | --- |
| Silicon   | ppm | █ 21 | --- | --- | --- |
| Sodium    | ppm | █ 1  | --- | --- | --- |
| Potassium | 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 fluid. The condition of the fluid is acceptable for the time in service.



## WEAR METALS

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Iron       | ppm | █ 166 | --- | --- | --- |
| Copper     | ppm | █ 32  | --- | --- | --- |
| Lead       | ppm | █ 0   | --- | --- | --- |
| Tin        | ppm | █ 0   | --- | --- | --- |
| Aluminum   | ppm | █ <1  | --- | --- | --- |
| Chromium   | ppm | █ 3   | --- | --- | --- |
| Molybdenum | ppm | █ 0   | --- | --- | --- |
| Nickel     | ppm | █ 0   | --- | --- | --- |
| Titanium   | ppm | 0     | --- | --- | --- |
| Silver     | ppm | 0     | --- | --- | --- |
| Manganese  | ppm | █ 4   | --- | --- | --- |
| Vanadium   | ppm | 0     | --- | --- | --- |



## ADDITIVES

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Calcium    | ppm | █ 9   | --- | --- | --- |
| Magnesium  | ppm | █ 0   | --- | --- | --- |
| Zinc       | ppm | █ 20  | --- | --- | --- |
| Phosphorus | ppm | █ 297 | --- | --- | --- |
| Barium     | ppm | █ 2   | --- | --- | --- |
| Boron      | ppm | █ 0   | --- | --- | --- |

**Depot:** VOLVO8770  
**Unique No:** 11031749  
**Signed:** Don Baldrige  
**Report Date:** 17 May 2024



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## GRAPHS

