



# CONSTRUCTION EQUIPMENT

SW-22427-2 GRANT MAC VOLVO EC750EHR 391021 - LEFT SWING DRIVE



**Sample No:** VCP419283  
**Oil Type:** VOLVO PREMIUM GEAR OIL 80W-90 GL-5  
**Job No:** SW-22427-2 GRANT MAC



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## SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP419283   | --- | --- | --- |
| Sample Date   | 14 Aug 2023 | --- | --- | --- |
| Machine Hours | 2115        | --- | --- | --- |
| Oil Hours     | 2115        | --- | --- | --- |
| Oil Changed   | Changed     | --- | --- | --- |
| Sample Status | NORMAL      | --- | --- | --- |



## OIL CONDITION

|             |     |       |     |     |     |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 178 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



## CONTAMINATION

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Silicon   | ppm | █ 15 | --- | --- | --- |
| Sodium    | ppm | █ 1  | --- | --- | --- |
| Potassium | ppm | █ <1 | --- | --- | --- |



## WEAR METALS

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Iron       | ppm | █ 497 | --- | --- | --- |
| Copper     | ppm | █ 24  | --- | --- | --- |
| Lead       | ppm | █ <1  | --- | --- | --- |
| Tin        | ppm | █ 0   | --- | --- | --- |
| Aluminum   | ppm | █ <1  | --- | --- | --- |
| Chromium   | ppm | █ 7   | --- | --- | --- |
| Molybdenum | ppm | █ <1  | --- | --- | --- |
| Nickel     | ppm | █ 0   | --- | --- | --- |
| Titanium   | ppm | 0     | --- | --- | --- |
| Silver     | ppm | 0     | --- | --- | --- |
| Manganese  | ppm | █ 7   | --- | --- | --- |
| Vanadium   | ppm | 0     | --- | --- | --- |



## ADDITIVES

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Calcium    | ppm | █ 8   | --- | --- | --- |
| Magnesium  | ppm | █ 0   | --- | --- | --- |
| Zinc       | ppm | █ 24  | --- | --- | --- |
| Phosphorus | ppm | █ 298 | --- | --- | --- |
| Barium     | ppm | █ <1  | --- | --- | --- |
| 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:** VOLVO8770  
**Unique No:** 10616437  
**Signed:** Don Baldrige  
**Report Date:** 23 Aug 2023



# CONSTRUCTION EQUIPMENT



## GRAPHS

