



# CONSTRUCTION EQUIPMENT

SWA358219 HERC VOLVO EC350E 310717 - REAR LEFT FINAL DRIVE



**Sample No:** VCP415924  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** SWA358219 HERC



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## SAMPLE INFORMATION

|               |             |     |     |     |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP415924   | --- | --- | --- |
| Sample Date   | 08 Sep 2023 | --- | --- | --- |
| Machine Hours | 2237        | --- | --- | --- |
| Oil Hours     | 0           | --- | --- | --- |
| Oil Changed   | Changed     | --- | --- | --- |
| Sample Status | ABNORMAL    | --- | --- | --- |



## OIL CONDITION

|             |     |       |     |     |     |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | █ 180 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



## CONTAMINATION

|           |     |      |     |     |     |
|-----------|-----|------|-----|-----|-----|
| Silicon   | ppm | █ 44 | --- | --- | --- |
| Sodium    | ppm | █ <1 | --- | --- | --- |
| Potassium | ppm | █ 0  | --- | --- | --- |



## WEAR METALS

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Iron       | ppm | ▲ 510 | --- | --- | --- |
| Copper     | ppm | █ 1   | --- | --- | --- |
| Lead       | ppm | █ <1  | --- | --- | --- |
| Tin        | ppm | █ <1  | --- | --- | --- |
| Aluminum   | ppm | █ 5   | --- | --- | --- |
| Chromium   | ppm | ▲ 13  | --- | --- | --- |
| Molybdenum | ppm | █ <1  | --- | --- | --- |
| Nickel     | ppm | █ 1   | --- | --- | --- |
| Titanium   | ppm | <1    | --- | --- | --- |
| Silver     | ppm | <1    | --- | --- | --- |
| Manganese  | ppm | █ 6   | --- | --- | --- |
| Vanadium   | ppm | 0     | --- | --- | --- |



## ADDITIVES

|            |     |       |     |     |     |
|------------|-----|-------|-----|-----|-----|
| Calcium    | ppm | █ 15  | --- | --- | --- |
| Magnesium  | ppm | █ 3   | --- | --- | --- |
| Zinc       | ppm | █ 12  | --- | --- | --- |
| Phosphorus | ppm | █ 293 | --- | --- | --- |
| Barium     | ppm | █ 0   | --- | --- | --- |
| Boron      | ppm | █ 0   | --- | --- | --- |

## Diagnosis

The oil change at the time of sampling has been noted. Resample at the next service interval to monitor. Gear wear is indicated. There is no indication of any contamination in the oil. The condition of the oil is acceptable for the time in service.

**Depot:** VOLVO0093  
**Unique No:** 10649024  
**Signed:** Angela Borella  
**Report Date:** 19 Sep 2023



# CONSTRUCTION EQUIPMENT



## VOLVO GRAPHS

