



# CONSTRUCTION EQUIPMENT

SWA477490 MELDGAARD VOLVO EC350EL 3 14186 - RIGHT TRACK DRIVE



**Sample No:** VCP413393  
**Oil Type:** VOLVO PREMIUM GEAR OIL 85W-140 GL-5  
**Job No:** SWA477490 MELDGAARD



## SAMPLE INFORMATION

|               |                    |             |     |     |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | <b>VCP413393</b>   | VCP413407   | --- | --- |
| Sample Date   | <b>09 Feb 2024</b> | 03 Oct 2023 | --- | --- |
| Machine Hours | <b>2035</b>        | 1490        | --- | --- |
| Oil Hours     | <b>0</b>           | 0           | --- | --- |
| Oil Changed   | <b>Changed</b>     | Not Changd  | --- | --- |
| Sample Status | <b>NORMAL</b>      | NORMAL      | --- | --- |

### ALTA EQUIPMENT COMPANY

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## OIL CONDITION

|             |     |            |     |     |     |
|-------------|-----|------------|-----|-----|-----|
| Visc @ 40°C | cSt | <b>172</b> | 171 | --- | --- |
|-------------|-----|------------|-----|-----|-----|



## CONTAMINATION

|           |     |            |     |     |     |
|-----------|-----|------------|-----|-----|-----|
| Water     | %   | <b>NEG</b> | NEG | --- | --- |
| Silicon   | ppm | <b>16</b>  | 12  | --- | --- |
| Sodium    | ppm | <b>3</b>   | 3   | --- | --- |
| Potassium | ppm | <b>2</b>   | 2   | --- | --- |

### 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>397</b>   | 316 | --- | --- |
| Copper     | ppm | <b>&lt;1</b> | <1  | --- | --- |
| Lead       | ppm | <b>0</b>     | 0   | --- | --- |
| Tin        | ppm | <b>0</b>     | <1  | --- | --- |
| Aluminum   | ppm | <b>2</b>     | 2   | --- | --- |
| Chromium   | ppm | <b>8</b>     | 6   | --- | --- |
| Molybdenum | ppm | <b>0</b>     | 0   | --- | --- |
| Nickel     | ppm | <b>&lt;1</b> | 0   | --- | --- |
| Titanium   | ppm | <b>&lt;1</b> | <1  | --- | --- |
| Silver     | ppm | <b>0</b>     | 0   | --- | --- |
| Manganese  | ppm | <b>5</b>     | 5   | --- | --- |
| Vanadium   | ppm | <b>0</b>     | 0   | --- | --- |



## ADDITIVES

|            |     |            |     |     |     |
|------------|-----|------------|-----|-----|-----|
| Calcium    | ppm | <b>19</b>  | 9   | --- | --- |
| Magnesium  | ppm | <b>3</b>   | 4   | --- | --- |
| Zinc       | ppm | <b>11</b>  | 10  | --- | --- |
| Phosphorus | ppm | <b>314</b> | 283 | --- | --- |
| Barium     | ppm | <b>0</b>   | 0   | --- | --- |
| Boron      | ppm | <b>0</b>   | 0   | --- | --- |

**Depot:** VOLVO0095  
**Unique No:** 10900218  
**Signed:** Jonathan Hester  
**Report Date:** 29 Feb 2024



# CONSTRUCTION EQUIPMENT



## GRAPHS

