



CONSTRUCTION EQUIPMENT

VOLVO EC200EL EC200EL3 14507 - REAR LEFT FINAL DRIVE



Sample No: VCP0008100

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP0008100 | --- | --- | --- |
| Sample Date | 01 Nov 2023 | --- | --- | --- |
| Machine Hours | 1643 | --- | --- | --- |
| Oil Hours | 1643 | --- | --- | --- |
| Oil Changed | N/A | --- | --- | --- |
| Sample Status | ABNORMAL | --- | --- | --- |

ALTA EQUIPMENT COMPANY
 8750 PHILIPS HWY
 JACKSONVILLE, FL
 US 32256
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OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | ■ 324 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-------|-----|-----|-----|
| Silicon | ppm | ▲ 284 | --- | --- | --- |
| Sodium | ppm | ■ 25 | --- | --- | --- |
| Potassium | ppm | ■ 16 | --- | --- | --- |

Diagnosis

We advise that you check all areas where dirt can enter the system. Resample at the next service interval to monitor. Gear wear is indicated. All other metal levels are typical for a new component breaking in. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The condition of the oil is acceptable for the time in service.



WEAR METALS

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Iron | ppm | ▲ 1187 | --- | --- | --- |
| Copper | ppm | ■ 1 | --- | --- | --- |
| Lead | ppm | ■ 0 | --- | --- | --- |
| Tin | ppm | ■ 0 | --- | --- | --- |
| Aluminum | ppm | ▲ 31 | --- | --- | --- |
| Chromium | ppm | ▲ 15 | --- | --- | --- |
| Molybdenum | ppm | <1 | --- | --- | --- |
| Nickel | ppm | ■ 7 | --- | --- | --- |
| Titanium | ppm | 3 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | 17 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|-----|-----|-----|-----|
| Calcium | ppm | 594 | --- | --- | --- |
| Magnesium | ppm | 22 | --- | --- | --- |
| Zinc | ppm | 16 | --- | --- | --- |
| Phosphorus | ppm | 854 | --- | --- | --- |
| Barium | ppm | 0 | --- | --- | --- |
| Boron | ppm | 117 | --- | --- | --- |

Depot: VOLVO0092
Unique No: 10726668
Signed: Don Baldrige
Report Date: 06 Nov 2023



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GRAPHS

