



CONSTRUCTION EQUIPMENT

VOLVO EC350EL 314185 - REAR RIGHT FINAL DRIVE



Sample No: VCP0007516

Oil Type: NOT GIVEN

Job No:



SAMPLE INFORMATION

| | | | | |
|---------------|--------------------|-------------|-----|-----|
| Sample Number | VCP0007516 | VCP0007482 | --- | --- |
| Sample Date | 11 Aug 2023 | 03 May 2023 | --- | --- |
| Machine Hours | 2151 | 644 | --- | --- |
| Oil Hours | 2151 | 644 | --- | --- |
| Oil Changed | N/A | N/A | --- | --- |
| Sample Status | NORMAL | NORMAL | --- | --- |

ALTA EQUIPMENT COMPANY
 8750 PHILIPS HWY
 JACKSONVILLE, FL
 US 32256
 Contact: TECHNICIAN ACCOUNT
 catherine.anastasio@wearcheck.com
 T:
 F: (904)737-1260



OIL CONDITION

| | | | | | |
|-------------|-----|------------|-----|-----|-----|
| Visc @ 40°C | cSt | 242 | 265 | --- | --- |
|-------------|-----|------------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|-----------|----|-----|-----|
| Silicon | ppm | 68 | 5 | --- | --- |
| Sodium | ppm | 3 | <1 | --- | --- |
| Potassium | ppm | 0 | 1 | --- | --- |

Diagnosis

Resample at the next service interval to monitor. Metal levels are typical for a new component breaking in. 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 | 460 | 79 | --- | --- |
| Copper | ppm | 1 | 0 | --- | --- |
| Lead | ppm | 0 | 0 | --- | --- |
| Tin | ppm | 0 | 0 | --- | --- |
| Aluminum | ppm | 2 | 0 | --- | --- |
| Chromium | ppm | 18 | <1 | --- | --- |
| Molybdenum | ppm | 2 | 3 | --- | --- |
| Nickel | ppm | 1 | 0 | --- | --- |
| Titanium | ppm | <1 | 0 | --- | --- |
| Silver | ppm | 0 | 0 | --- | --- |
| Manganese | ppm | 5 | <1 | --- | --- |
| Vanadium | ppm | 0 | 0 | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------------|-----|-----|-----|
| Calcium | ppm | 46 | 81 | --- | --- |
| Magnesium | ppm | 16 | 26 | --- | --- |
| Zinc | ppm | 49 | 57 | --- | --- |
| Phosphorus | ppm | 781 | 937 | --- | --- |
| Barium | ppm | 0 | 0 | --- | --- |
| Boron | ppm | 68 | 162 | --- | --- |

Depot: VOLVO0092
Unique No: 10606411
Signed: Don Baldrige
Report Date: 17 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

