



CONSTRUCTION EQUIPMENT

VOLVO EC350EL 310558 - REAR RIGHT FINAL DRIVE



Sample No: VCP0007508

Oil Type: {unknown}

Job No:



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP0007508 | --- | --- | --- |
| Sample Date | 11 Aug 2023 | --- | --- | --- |
| Machine Hours | 0 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | N/A | --- | --- | --- |
| Sample Status | SEVERE | --- | --- | --- |

ALTA EQUIPMENT COMPANY

8750 PHILIPS HWY
JACKSONVILLE, FL
US 32256

Contact: TECHNICIAN ACCOUNT
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OIL CONDITION

| | | | | | |
|-------------|-----|-------|-----|-----|-----|
| Visc @ 40°C | cSt | ■ 430 | --- | --- | --- |
|-------------|-----|-------|-----|-----|-----|



CONTAMINATION

| | | | | | |
|-----------|-----|---------|-----|-----|-----|
| Water | % | ▲ 0.953 | --- | --- | --- |
| Silicon | ppm | ◆ 2650 | --- | --- | --- |
| Sodium | ppm | ■ 132 | --- | --- | --- |
| Potassium | ppm | ■ 37 | --- | --- | --- |



WEAR METALS

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Iron | ppm | ◆ 7056 | --- | --- | --- |
| Copper | ppm | ■ 16 | --- | --- | --- |
| Lead | ppm | ■ <1 | --- | --- | --- |
| Tin | ppm | ■ 2 | --- | --- | --- |
| Aluminum | ppm | ▲ 201 | --- | --- | --- |
| Chromium | ppm | ◆ 105 | --- | --- | --- |
| Molybdenum | ppm | 12 | --- | --- | --- |
| Nickel | ppm | ■ 11 | --- | --- | --- |
| Titanium | ppm | ■ 29 | --- | --- | --- |
| Silver | ppm | 0 | --- | --- | --- |
| Manganese | ppm | 67 | --- | --- | --- |
| Vanadium | ppm | 2 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Calcium | ppm | 4448 | --- | --- | --- |
| Magnesium | ppm | 168 | --- | --- | --- |
| Zinc | ppm | 18 | --- | --- | --- |
| Phosphorus | ppm | 700 | --- | --- | --- |
| Barium | ppm | 4 | --- | --- | --- |
| Boron | ppm | 94 | --- | --- | --- |

Diagnosis

We advise that you check for the source of water entry. We advise that you check all areas where dirt can enter the system. We recommend that you drain the oil from the component if this has not already been done. We advise that you inspect for the source(s) of wear. We recommend an early resample to monitor this condition. Gear wear is indicated. There is a high concentration of water present in the oil. Elemental levels of silicon (Si) and aluminum (Al) indicate alumina-silicate (coarse dirt) ingress. The oil is no longer serviceable due to the presence of contaminants.

Depot: VOLVO0092
Unique No: 10606418
Signed: Don Baldrige
Report Date: 17 Aug 2023



CONSTRUCTION EQUIPMENT



GRAPHS

