

CONSTRUCTION EQUIPMENT VOLVO EC350EL 314117 - FRONT RIGHT FINAL DRIVE



Sample No: VCP412913

Oil Type:

VOLVO SUPER GEAR OIL 75W-80-GO102

Job No:

Boron

ppm

| VOLVO | | | | |
|--------------------|-------------|--------------|---------|------|
| | INFORMATION | <u>.</u> | <u></u> | - |
| Sample Number | | VCP412913 | | |
| Sample Date | | 04 Oct 2023 | | |
| Machine Hours | | 4656 | | |
| Oil Hours | | 101 | | |
| Oil Changed | | Not Changd | | |
| Sample Status | | SEVERE | | |
| VOLVO | | | | |
| ÖLÖÖ OIL CON | DITION | | | |
| Visc @ 40°C | cSt | 62.9 | | |
| | 001 | 02.5 | | |
| VOLVO | | | | |
| CONTAM | IINATION | | | |
| Water | % | 1.48 | | |
| Silicon | ppm | 022 | | |
| Sodium | ppm | 8 | | |
| Potassium | ppm | 4 | | |
| | | | | |
| WEAR M | IFTAI S | | | |
| <u> </u> | | | | |
| Iron | ppm | ▲ 954 | | |
| Copper | ppm | 2 | | |
| Lead | ppm | 0 | | |
| Tin | ppm | 0 | | |
| Aluminum | ppm | ▲ 71 | | |
| Chromium | ppm | ▲ 11 | | |
| Molybdenum | ppm | 1 | | |
| Nickel | ppm | 2 | | |
| Titanium Ciluar | ppm | 3 | | |
| Silver | ppm | 0 | | |
| Manganese | ppm | ■ 6 | | |
| Vanadium | ppm | <1 | | |
| VOLVO | | | | |
| 💓 ADDITIV | ES | | | |
| Calcium | ppm | 1 7 | | |
| Magnesium | ppm | 3 | | |
| Zinc | ppm | 27 | | |
| Phosphorus | ppm | 2240 | | |
| Barium | ppm | 0 | | |
| - | | | | |



365 - ASCENDUM MACHINERY INC - SAVANNAH

1627 DEAN FOREST RD SAVANNAH, GA US 31408 Contact: NATHAN WAYMENT nathan.wayment@ascendummachinery.com T: F: (912)964-9515

Diagnosis

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

| Depot: | VOLVO8531 | | |
|--------------|-------------|--|--|
| Unique No: | 10682947 | | |
| Signed: | Doug Bogart | | |
| Report Date: | 15 Oct 2023 | | |

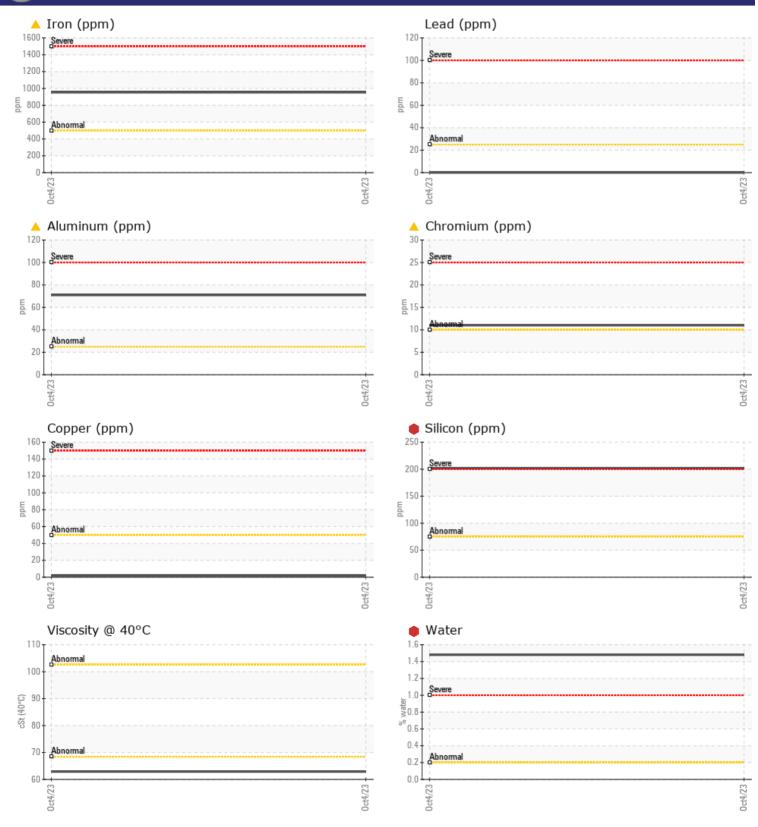
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: NATHAN WAYMENT - VOLVO8531