CONSTRUCTION EQUIPMENT

63050 3D EX VOLVO 220DL 210112 - BOGIE/CENTER RIGHT FINAL D

| Sample No: | VCP418044 | | | |
|------------|-------------|--|--|--|
| Oil Type: | NOT GIVEN | | | |
| Job No: | 63050 3D EX | | | |

| | E INFORMATIO | N | | |
|---------------|---------------|-------------|------|--|
| Sample Number | _ | VCP418044 | | |
| Sample Date | | 14 Jun 2023 | | |
| Machine Hours | | 5900 | | |
| Oil Hours | | 0 | | |
| Oil Changed | | N/A | | |
| Sample Status | | SEVERE | | |
| Sample Status | | JLVLKL | | |
| VOLVO | | | | |
| V OIL CON | DITION | | | |
| Visc @ 40°C | cSt | 362 | | |
| | | | | |
| | MINATION | | | |
| | | | | |
| Water | % | ▲ 0.960 | | |
| Silicon | ppm | 4562 | | |
| Sodium | ppm | 24 | | |
| Potassium | ppm | 171 | | |
| VOLVO | | | | |
| 🤍 WEAR N | METALS | | | |
| Iron | ppm | • 8554 | | |
| Copper | ppm | 15 | | |
| Lead | ppm | 3 | | |
| Tin | ppm | 3 | | |
| Aluminum | ppm | 708 | | |
| Chromium | ppm | • 78 | | |
| Molybdenum | ppm | 11 | | |
| Nickel | ppm | 9 | | |
| Titanium | ppm | 72 | | |
| Silver | ppm | 0 | | |
| Manganese | ppm | 48 | | |
| Vanadium | ppm | 3 | | |
| | | | | |
| | /65 | | | |
| | - | 425 | | |
| Calcium | ppm | 135 | | |
| Magnesium | ppm | 84 | | |
| Zinc | ppm | 55 | | |
| Phosphorus | ppm | 970 | | |
| Barium | ppm | 2 | | |
| | | | | |

COWIN EQUIPMENT COMPANY INC - GUNTERSVILLE

15101 ALABAMA HWY 20 MADISON, AL JS 35756 Contact: RANDY HARRIS RHARRIS@COWIN.COM T: (256)298-2322 F: (256)355-5250

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:COWMADUnique No:10532838Signed:Jonathan HesterReport Date:30 Jun 2023

ppm

Boron

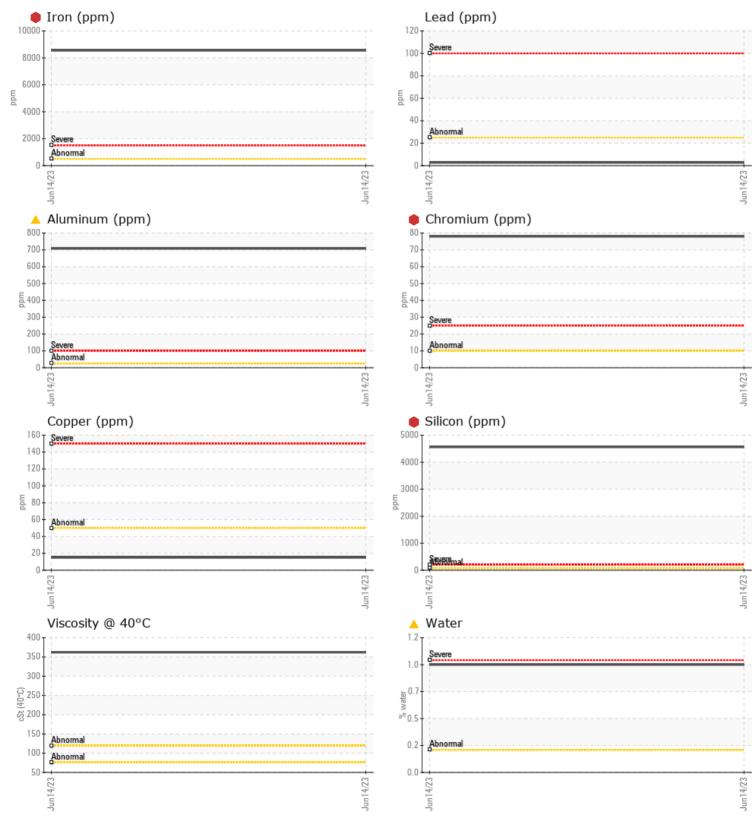
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



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