CONSTRUCTION EQUIPMENT RS0034438 VOLVO EC200EL 314612 - REAR LEFT FINAL DRIVE

| Sample No: | VCP421009 |
|------------|-------------|
| Oil Type: | COWIN 80W90 |
| Job No: | RS0034438 |

VOLVO

| VOLVO | | | | |
|---------------|-------------|-------------|------------|------|
| | INFORMATION | I | | |
| Sample Number | | VCP421009 | | |
| Sample Date | | 21 Jun 2023 | | |
| Machine Hours | | 855 | | |
| Oil Hours | | 0 | | |
| Oil Changed | | Changed | | |
| Sample Status | | ABNORMAL | | |
| | | | | |
| OIL CON | | | | |
| | | · · · · | <u>.</u> . | - |
| Visc @ 40°C | cSt | 170 | | |
| VOLVO | | | | |
| CONTAM | AINATION | | | |
| Silicon | ppm | 16 | | |
| Sodium | ppm | 2 | | |
| Potassium | ppm | 8 | | |
| | PP | | | |
| VOLVO | | | | |
| VEAR M | NETALS | | | |
| Iron | ppm | <u> </u> | | |
| Copper | ppm | □ <1 | | |
| Lead | ppm | 0 | | |
| Tin | ppm | □ <1 | | |
| Aluminum | ppm | 2 | | |
| Chromium | ppm | 🔺 13 | | |
| Molybdenum | ppm | 2 | | |
| Nickel | ppm | 1 | | |
| Titanium | ppm | <1 | | |
| Silver | ppm | 0 | | |
| Manganese | ppm | 14 | | |
| Vanadium | ppm | 0 | | |
| VOLVO | | | | |
| additiv | ES | | | |
| Calcium | ppm | 7 | | |
| Magnesium | ppm | 2 | | |
| Zinc | ppm | 15 | | |
| | PPIT | 15 | | |



COWIN EQUIPMENT COMPANY

7950 PITTMAN AVE PENSACOLA, FL US 32534 Contact: HUGH DOBBS HDOBBS@COWIN.COM T: (850)479-3004 F: (850)474-1602

Diagnosis

The oil change at the time of sampling has been noted. No corrective action is recommended at this time. Resample at the next service interval to monitor.Gear wear is indicated. All other 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.

| Depot: | VOLVO8247 |
|--------------|---------------|
| Unique No: | 10538579 |
| Signed: | Don Baldridge |
| Report Date: | 04 Jul 2023 |

297

<1

0

Phosphorus

Barium

Boron

ppm

ppm

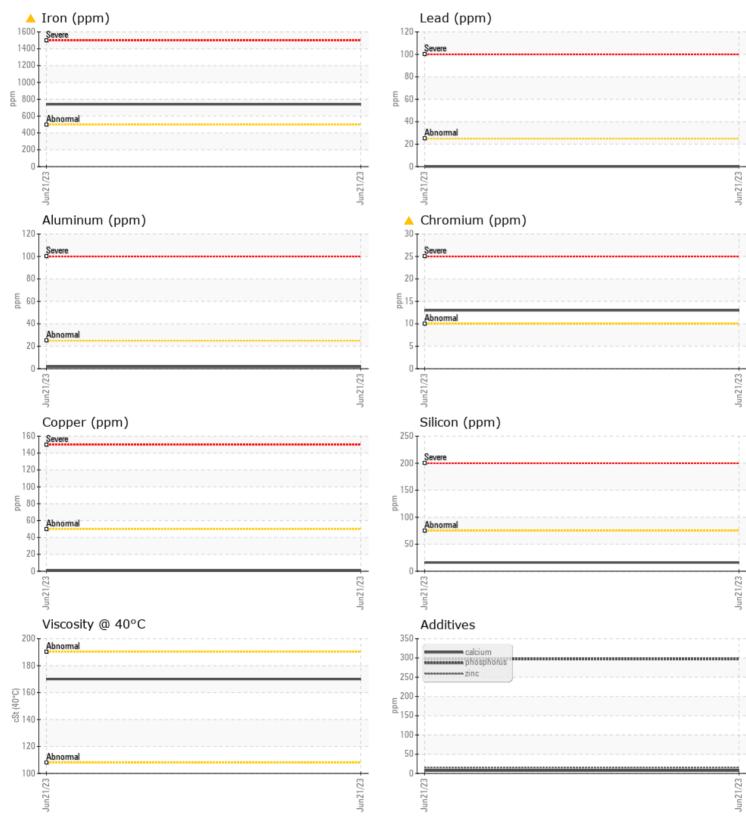
ppm

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO8247 [WUSCAR] 05888096 (Generated: 07/06/2023 10:55:46) Rev: 1

Contact/Location: HUGH DOBBS - VOLVO8247