CONSTRUCTION EQUIPMENT SW0-072114 APAC VOLVO EC480E 314549 - LEFT SWING DRIVE

Sample No:VCP453741Oil Type:VOLVO PREMIUI

VOLVO

VOLVO PREMIUM GEAR OIL 85W-140 GL-5

Job No: SWO-072114 APAC

ADDITIVES

ppm

ppm

ppm

ppm

ppm

ppm

Calcium

Zinc

Barium

Boron

Magnesium

Phosphorus

| Sample Number | E INFORMATION | VCP453741 | VCP435542 | - | |
|-----------------------------------|---------------|--------------|--------------|------|--|
| Sample Number | | | | | |
| Sample Date | | 22 May 2024 | 08 Dec 2023 | | |
| Machine Hours 4555 Oil Hours 0 | | 4060 0 | | | |
| | | | - | | |
| Oil Changed | | Changed | Changed | | |
| Sample Status | | ABNORMAL | ABNORMAL | | |
| VOLVO | | | | | |
| VIL CON | IDITION | | | | |
| Visc @ 40°C | cSt | 287 | 317 | | |
| | | | | | |
| VOLVO | | | | | |
| CONTAI | MINATION | | | | |
| Water | % | 1.30 | 1 .05 | | |
| Silicon | ppm | 7 | 7 | | |
| Sodium | ppm | ■ <1 | 0 | | |
| Potassium | ppm | 2 | 1 | | |
| | | | | | |
| WEND | METALS | | | | |
| | METALS | | | | |
| Iron | ppm | 37 | 110 | | |
| Copper | ppm | 1 | 4 | | |
| Lead | ppm | <1 | 0 | | |
| Tin | ppm | <1 | 0 | | |
| Aluminum | ppm | 1 | 1 | | |
| Chromium | ppm | 0 | <1 | | |
| Molybdenum | ppm | 9 | 3 | | |
| Nickel | ppm | <1 | 0 | | |
| Titanium | ppm | 0 | 0 | | |
| Silver | ppm | <1 | 0 | | |
| Manganese | ppm | <1 | < 1 | | |
| Vanadium | ppm | 0 | 0 | | |

81

■25 ■83

0131

1048

COWIN EQUIPMENT COMPANY INC

501 HWY 78 EAST DXFORD, AL IS 36203 Contact: MIKE PATTY npatty@cowin.com : (256)832-5053 : (256)831-4295

Diagnosis

We advise that you check for the source of water entry. The oil change at the time of sampling has been noted. Resample at the next service interval to monitor.All component wear rates are normal. Appearance is milky. There is a high concentration of water present in the oil. The condition of the oil is acceptable for the time in service.

| Depot: | COWOXF |
|---------------------|---------------------|
| Unique No: | 11047539 |
| Signed: | Sean Felton |
| Report Date: | 29 May 2024 |
| Contact/Location: M | MIKE PATTY - COWOXF |

134

51

134

907

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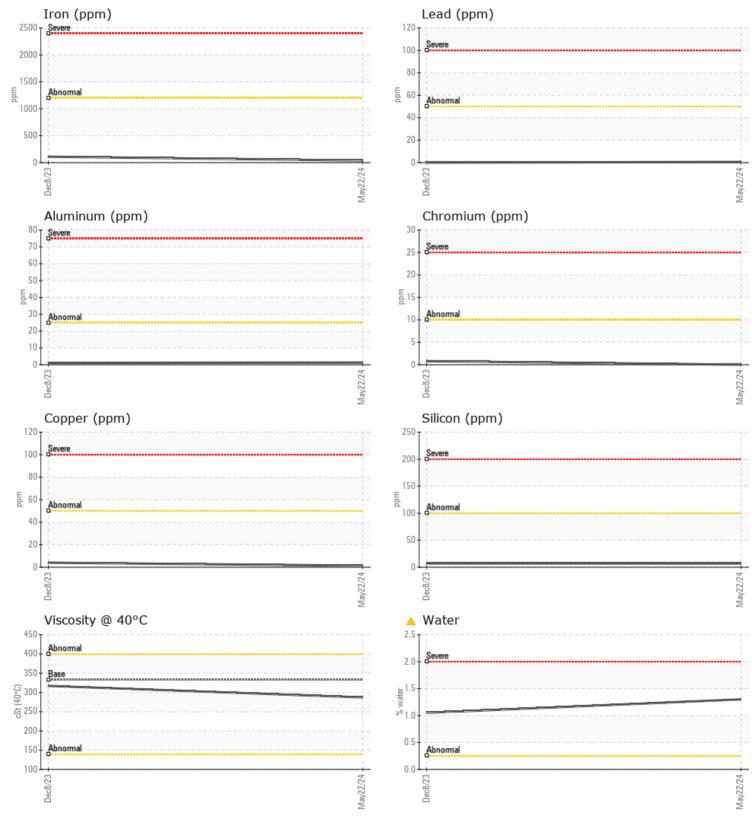
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CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: COWOXF [WUSCAR] 06190787 (Generated: 05/29/2024 13:27:55) Rev: 1

Contact/Location: MIKE PATTY - COWOXF