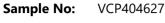
CONSTRUCTION EQUIPMENT 23664 VOLVO EC350 314351 - REAR RIGHT FINAL DRIVE



VOLVO

| Oil Type: | VOLVO SUPER GEAR OIL 75W-80-GO102 |
|-----------|-----------------------------------|
| Job No: | 23664 |

| | INFORMATION | | | |
|-----------------|-------------|---------------|------|--|
| | | | | |
| Sample Number | | VCP404627 | | |
| Sample Date | | 30 Jun 2023 | | |
| Machine Hours | | 1914 | | |
| Oil Hours | | 2000 | | |
| Oil Changed | | Changed | | |
| Sample Status | | SEVERE | | |
| | | | | |
| OIL CON | DITION | | | |
| Visc @ 40°C | cSt | 185 | | |
| | | | | |
| VOLVO | | | | |
| | IINATION | | | |
| Silicon | ppm | 407 | | |
| Sodium | ppm | 1 | | |
| Potassium | ppm | 3 | | |
| | | | | |
| VOLVO WEAD M | | | | |
| V WEAR M | ETALS | | | |
| Iron | ppm | A 1287 | | |
| Copper | ppm | 2 | | |
| Lead | ppm | 0 | | |
| Tin | ppm | <1 | | |
| Aluminum | ppm | 🔺 57 | | |
| Chromium | ppm | 027 | | |
| Molybdenum | ppm | 3 | | |
| Nickel | ppm | 2 | | |
| Titanium | ppm | 7 | | |
| Silver | ppm | 0 | | |
| Manganese | ppm | 1 4 | | |
| Vanadium | ppm | <1 | | |
| | | | | |
| VOLVO | | | | |
| ADDITIV | F2 | | | |
| Calcium | ppm | 9 | | |
| Magnesium | ppm | 2 | | |
| Zinc | ppm | 0 | | |
| | | | | |



218 - ASCENDUM MACHINERY INC - N. CHARLESTON

7235 CROSS COUNTRY RD. NORTH CHARLESTON, SC US 29418 Contact: MATT MITCHAM matt.mitcham@ascendummachinery.com T: F: (843)414-1129

Diagnosis

We advise that you check all areas where dirt can enter the system. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.Gear wear is indicated. Elemental levels of silicon (Si) and aluminum (Al) indicate aluminasilicate (coarse dirt) ingress. The oil is no longer serviceable due to the presence of contaminants.

| Depot: | VOLVO3387 |
|--------------|---------------|
| Unique No: | 10548325 |
| Signed: | Don Baldridge |
| Report Date: | 10 Jul 2023 |

276

2

0

Phosphorus

Barium

Boron

ppm

ppm

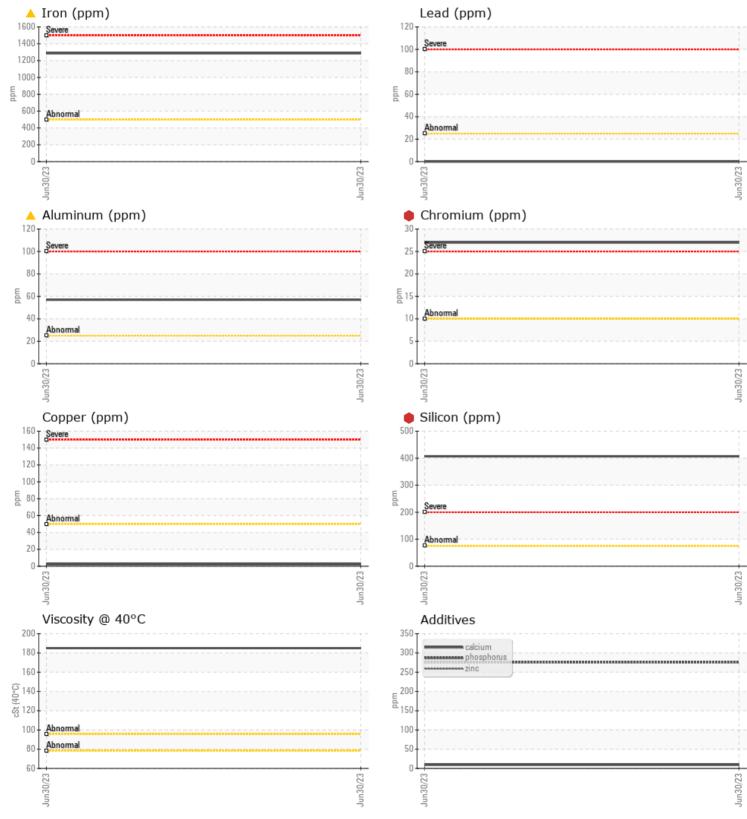
ppm

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO3387 [WUSCAR] 05892515 (Generated: 07/10/2023 21:08:45) Rev: 1

Contact/Location: MATT MITCHAM - VOLVO3387