CONSTRUCTION EQUIPMENT

716771 HILLSBOROUGH VOLVO EW 160E 323446 - DIESEL ENGINE

Sample No: VCP451486 **Oil Type:**

VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No: 716771 HILLSBOROUGH

Sodium

10

Potassium

ppm

ppm

4

6

VOLVO

SAMPLE INFORMATION VCP451486 Sample Number Sample Date 23 May 2024 Machine Hours 8720 Oil Hours 500 Changed Oil Changed NORMAL Sample Status **OIL CONDITION** Visc @ 100°C cSt 13.2 Base Number (BN) mg KOH/g 5.2 Oxidation (PA) 99 % CONTAMINATION NEG % Water % Soot % 0.4 Nitration (PA) 105 % % 71 Sulfation (PA) Glycol % NEG Fuel % <1.0 Silicon ppm 6 🔲

ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC

8418 PALM RIVER ROAD TAMPA, FL US 33619 Contact: JOHN FARDELLA john.fardella@altg.com T: (813)630-0077 F: (813)630-2233

Diagnosis

Resample at the next service interval to monitor.All component wear rates are normal. There is no indication of any contamination in the oil. The BN result indicates that there is suitable alkalinity remaining in the oil. The condition of the oil is acceptable for the time in service.

| VOLVO | | | | |
|------------|--------|------------|------|--|
| WEAR I | METALS | | | |
| Iron | ppm | 25 | | |
| Copper | ppm | 2 | | |
| Lead | ppm | 0 | | |
| Tin | ppm | 0 | | |
| Aluminum | ppm | 3 | | |
| Chromium | ppm | | | |
| Molybdenum | ppm | 64 | | |
| Nickel | ppm | 0 | | |
| Titanium | ppm | 0 | | |
| Silver | ppm | 0 | | |
| Manganese | ppm | <1 | | |
| Vanadium | ppm | 0 | | |
| | | | | |

| ADDITIVES | | | | | | | | |
|------------|-----|------|--|--|--|--|--|--|
| Calcium | ppm | 1166 | | | | | | |
| Magnesium | ppm | 915 | | | | | | |
| Zinc | ppm | 1219 | | | | | | |
| Phosphorus | ppm | 986 | | | | | | |
| Barium | ppm | 0 | | | | | | |
| Boron | ppm | 5 | | | | | | |

Depot: **VOLVO0093** Unique No: 11087190 Signed: Don Baldridge Report Date: 21 Jun 2024

Report Id: VOLVO0093 [WUSCAR] 06214326 (Generated: 06/21/2024 12:34:15) Rev: 1

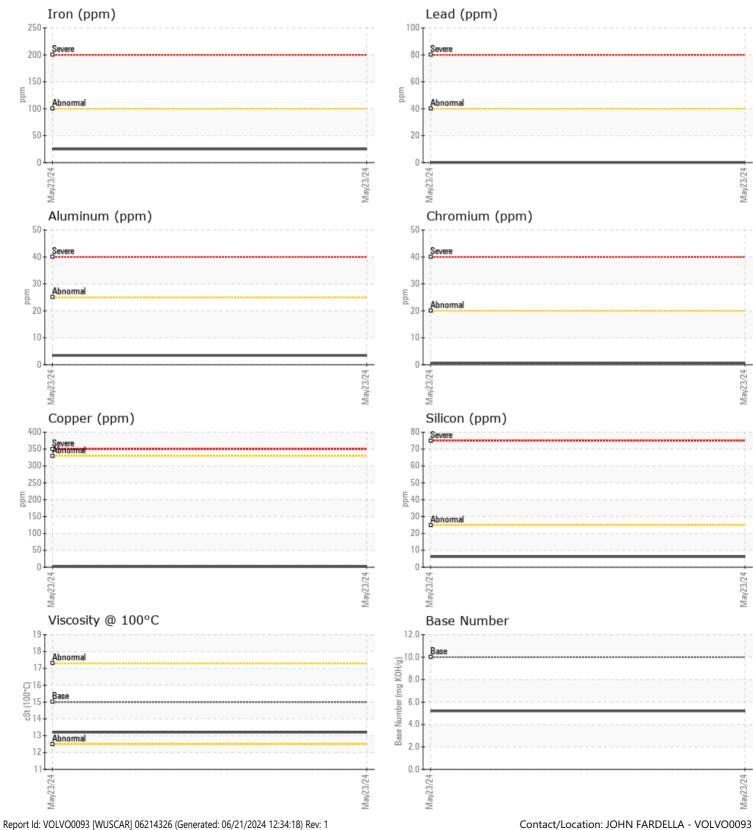
Contact/Location: JOHN FARDELLA - VOLVO0093

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: JOHN FARDELLA - VOLVO0093