VOLVO

CONSTRUCTION EQUIPMENT RENTAL VOLVO A40G 752203 - DIESEL ENGINE



Sample No: VCP447042 Oil Type: VOLVO ULT

RENTAL

e: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

Job No:

SAMPLE INFORM

| SAMPLE I | NFORMATION | | | | | | | | |
|------------------|------------|-------------|--|--|--|--|--|--|--|
| Sample Number | - | VCP447042 | | | | | | | |
| Sample Date | | 28 Mar 2024 | | | | | | | |
| Machine Hours | | 541 | | | | | | | |
| Oil Hours | | 0 | | | | | | | |
| Oil Changed | | Changed | | | | | | | |
| Sample Status | | ATTENTION | | | | | | | |
| | | | | | | | | | |
| OIL CONDITION | | | | | | | | | |
| Visc @ 100°C | cSt | 10.9 | | | | | | | |
| Base Number (BN) | mg KOH/g | 5.3 | | | | | | | |
| Oxidation (PA) | % | 54 | | | | | | | |
| | | | | | | | | | |
| CONTAMINATION | | | | | | | | | |
| Water | % | NEG | | | | | | | |
| Soot % | % | | | | | | | | |
| Nitration (PA) | % | 81 | | | | | | | |
| Sulfation (PA) | % | 52 | | | | | | | |
| Glycol | % | NEG | | | | | | | |
| Fuel | % | 2.6 | | | | | | | |
| Silicon | ppm | 30 | | | | | | | |
| Sodium | ppm | 3 | | | | | | | |
| Potassium | ppm | ■ <1 | | | | | | | |

Potassium

| WEAR METALS | | | | | | | | |
|-------------|-----|------|--|--|--|--|--|--|
| Iron | ppm | 14 | | | | | | |
| Copper | ppm | 294 | | | | | | |
| Lead | ppm | ■ <1 | | | | | | |
| Tin | ppm | 3 | | | | | | |
| Aluminum | ppm | 3 | | | | | | |
| Chromium | ppm | 0 | | | | | | |
| Molybdenum | ppm | 85 | | | | | | |
| Nickel | ppm | | | | | | | |
| Titanium | ppm | 0 | | | | | | |
| Silver | ppm | 0 | | | | | | |
| Manganese | ppm | 2 | | | | | | |
| Vanadium | ppm | 0 | | | | | | |

ADDITIVES Calcium 2217 ppm Magnesium ppm 7 Zinc ppm 1177 1012 Phosphorus ppm Barium 0 🔲 ppm 45 Boron ppm



ALTA EQUIPMENT/FLAGLER CONSTRUCTION EQUIPMENT LLC

8418 PALM RIVER ROAD TAMPA, FL US 33619 Contact: KENNY HANEY khaney@flaglerce.com T: (813)630-0077 F: (813)630-2233

Diagnosis

Oil and filter change at the time of sampling has been noted. Resample at the next service interval to monitor.Metal levels are typical for a new component breaking in. Fuel content negligible. There is no indication of any contamination in the oil. The oil viscosity is lower than normal. The BN result indicates that there is suitable alkalinity remaining in the oil. Confirm oil type.

 Depot:
 VOLV00093

 Unique No:
 11044005

 Signed:
 Jonathan Hester

 Report Date:
 28 May 2024

Report Id: VOLVO0093 [WUSCAR] 06187253 (Generated: 05/28/2024 14:17:57) Rev: 1

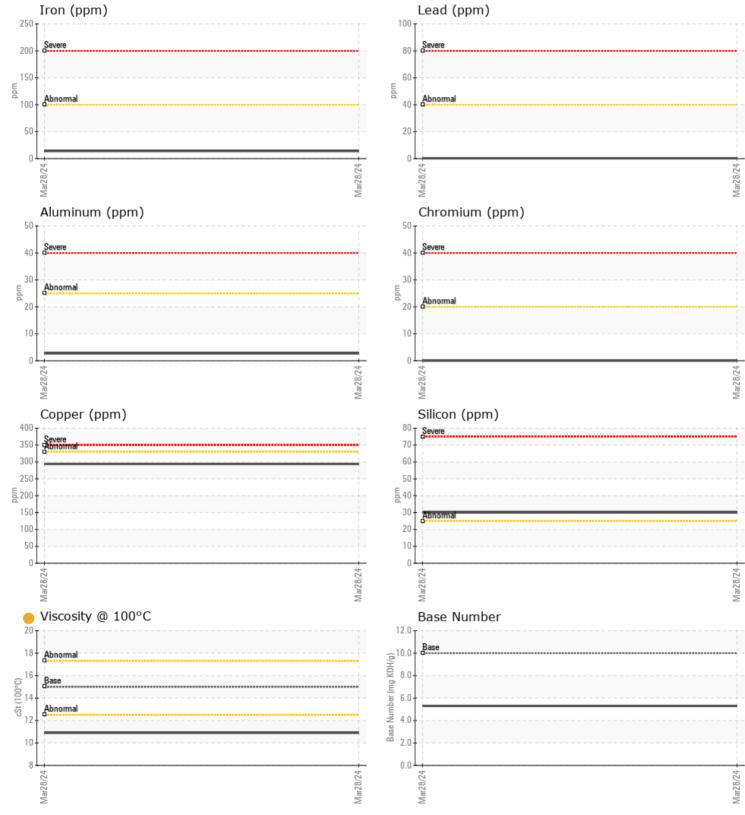
Contact/Location: KENNY HANEY - VOLVO0093

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Report Id: VOLVO0093 [WUSCAR] 06187253 (Generated: 05/28/2024 14:18:00) Rev: 1

Contact/Location: KENNY HANEY - VOLVO0093