CONSTRUCTION EQUIPMENT 687399 HERC VOLVO ECR145 314342 - DIESEL ENGINE

 Sample No:
 VCP453910

 Oil Type:
 VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3

 Job No:
 687399 HERC

SAMPLE INFORMATION

VOLVO

| Sample Number | - | VCP453910 | | |
|-----------------|------------|-------------|-------|--|
| Sample Date | | 09 Mar 2024 | | |
| Machine Hours | | 2244 | | |
| Oil Hours | | 0 | | |
| Oil Changed | | N/A | | |
| Sample Status | | ABNORMAL | | |
| | | | | |
| OIL COND | DITION | | | |
| Visc @ 100°C | cSt | 12.8 | | |
| Base Number (BN |) mg KOH/g | 7.8 | | |
| Oxidation (PA) | % | 59 | | |
| | | | | |
| CONTAM | | | | |
| | | | - | |
| Water | % | NEG | | |
| Soot % | % | 0.1 | | |
| Nitration (PA) | % | 50 | | |
| Sulfation (PA) | % | 56 | | |
| Glycol | % | NEG | | |
| Fuel | % | <1.0 | | |
| Silicon | ppm | 10 | | |
| Sodium | ppm | 2 | | |
| Potassium | ppm | 4 | | |

WFAR METAL

| WEAK I | METALS | | | |
|------------|--------|-------------|------|--|
| Iron | ppm | 1 3 | | |
| Copper | ppm | 2 | | |
| Lead | ppm | 3 | | |
| Tin | ppm | 2 | | |
| Aluminum | ppm | 4 16 | | |
| Chromium | ppm | ∎1 | | |
| Molybdenum | ppm | 87 | | |
| Nickel | ppm | 1 | | |
| Titanium | ppm | <1 | | |
| Silver | ppm | ■ <1 | | |
| Manganese | ppm | <1 | | |
| Vanadium | ppm | <1 | | |

| ADDITIVES | | | | | | | |
|------------|-----|-------------|--|--|--|--|--|
| Calcium | ppm | 1404 | | | | | |
| Magnesium | ppm | 394 | | | | | |
| Zinc | ppm | 1185 | | | | | |
| Phosphorus | ppm | 1020 | | | | | |
| Barium | ppm | 1 | | | | | |
| Boron | ppm | 440 | | | | | |



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

No corrective action is recommended at this time. Resample at the next service interval to monitor.The aluminum level is abnormal. All other 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.

 Depot:
 VOLVO0093

 Unique No:
 10940995

 Signed:
 Sean Felton

 Report Date:
 26 Mar 2024

Report Id: VOLVO0093 [WUSCAR] 06126844 (Generated: 03/26/2024 13:53:12) Rev: 1

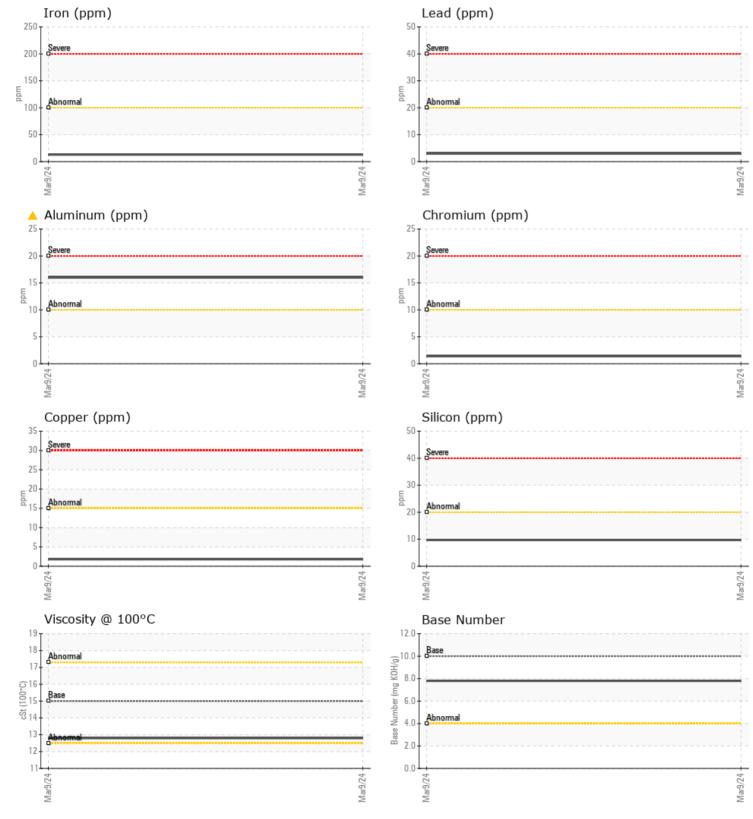
Contact/Location: KENNY HANEY - VOLVO0093

CONSTRUCTION EQUIPMENT



GRAPHS

VOLVO



Contact/Location: KENNY HANEY - VOLVO0093