



CONSTRUCTION EQUIPMENT

356142 VOLVO ECR235D 2 10061 - DIESEL ENGINE



Sample No: VCP353037
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL SAE 10W30
Job No: 356142



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP353037 | --- | --- | --- |
| Sample Date | 01 Mar 2023 | --- | --- | --- |
| Machine Hours | 8658 | --- | --- | --- |
| Oil Hours | 0 | --- | --- | --- |
| Oil Changed | Not Chngd | --- | --- | --- |
| Sample Status | ATTENTION | --- | --- | --- |

STRONGCO EQUIPMENT

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OIL CONDITION

| | | | | | |
|----------------|-----|--------|-----|-----|-----|
| Visc @ 100°C | cSt | ▲ 15.3 | --- | --- | --- |
| Oxidation (PA) | % | 84 | --- | --- | --- |

CONTAMINATION

| | | | | | |
|----------------|-----|------|-----|-----|-----|
| Soot % | % | ■ 0 | --- | --- | --- |
| Nitration (PA) | % | 83 | --- | --- | --- |
| Sulfation (PA) | % | 72 | --- | --- | --- |
| Glycol | % | NEG | --- | --- | --- |
| Fuel | % | <1.0 | --- | --- | --- |
| Silicon | ppm | ■ 9 | --- | --- | --- |
| Sodium | ppm | ■ 5 | --- | --- | --- |
| Potassium | ppm | ■ 2 | --- | --- | --- |

WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Iron | ppm | ■ 34 | --- | --- | --- |
| Copper | ppm | ■ 3 | --- | --- | --- |
| Lead | ppm | ■ 2 | --- | --- | --- |
| Tin | ppm | ■ 1 | --- | --- | --- |
| Aluminum | ppm | ■ 3 | --- | --- | --- |
| Chromium | ppm | ■ 2 | --- | --- | --- |
| Molybdenum | ppm | ■ 13 | --- | --- | --- |
| Nickel | ppm | ■ <1 | --- | --- | --- |
| Titanium | ppm | <1 | --- | --- | --- |
| Silver | ppm | ■ 0 | --- | --- | --- |
| Manganese | ppm | ■ <1 | --- | --- | --- |
| Vanadium | ppm | 0 | --- | --- | --- |

ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | 2126 | --- | --- | --- |
| Magnesium | ppm | 146 | --- | --- | --- |
| Zinc | ppm | ■ 1066 | --- | --- | --- |
| Phosphorus | ppm | ■ 928 | --- | --- | --- |
| Barium | ppm | ■ 0 | --- | --- | --- |
| Boron | ppm | ■ 93 | --- | --- | --- |

Diagnosis

Confirm the source of the lubricant being utilized for top-up/fill. Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Le fluide était spécifié comme VOLVO ULTRA DIESEL ENGINE OIL SAE 10W30, toutefois, une comparaison avec d'autres fluides indiquent que ce fluide est du SAE 40 Diesel Engine Oil. Veuillez confirmer la viscosité de l'huile et veuillez préciser la marque de votre prochain échantillon. Les taux d'usure de tous les composants sont normaux. Il n'y a aucun indice de contamination dans l'huile. La viscosité de l'échantillon se situe dans la portée de l'SAE 40; nous vous conseillons de vérifier. Ceci, en plus des niveaux d'additifs, indique que la marque ou le type d'huile ne correspond pas à ce qui a été signalé. L'état de l'huile est acceptable pour la durée de service.

Depot: STR520TRO
Unique No: 5540649
Signed: Kevin Marson
Report Date: 08 Mar 2023



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GRAPHS

