



CONSTRUCTION EQUIPMENT

332047 VOLVO EC200E 3 14303 - DIESEL ENGINE



Sample No: VCP352064
Oil Type: VOLVO ULTRA DIESEL ENGINE OIL 15W40 VDS-3
Job No: 332047



SAMPLE INFORMATION

| | | | | |
|---------------|-------------|-----|-----|-----|
| Sample Number | VCP352064 | --- | --- | --- |
| Sample Date | 19 Jul 2022 | --- | --- | --- |
| Machine Hours | 478 | --- | --- | --- |
| Oil Hours | 500 | --- | --- | --- |
| Oil Changed | Changed | --- | --- | --- |
| Sample Status | NORMAL | --- | --- | --- |

STRONGCO EQUIPMENT INC (STE- FOY)

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OIL CONDITION

| | | | | | |
|----------------|-----|--------|-----|-----|-----|
| Visc @ 100°C | cSt | █ 12.9 | --- | --- | --- |
| Oxidation (PA) | % | █ 49 | --- | --- | --- |



CONTAMINATION

| | | | | | |
|----------------|-----|--------|-----|-----|-----|
| Soot % | % | █ 0 | --- | --- | --- |
| Nitration (PA) | % | █ 62 | --- | --- | --- |
| Sulfation (PA) | % | █ 53 | --- | --- | --- |
| Glycol | % | █ NEG | --- | --- | --- |
| Fuel | % | █ <1.0 | --- | --- | --- |
| Silicon | ppm | █ 18 | --- | --- | --- |
| Sodium | ppm | █ 4 | --- | --- | --- |
| Potassium | ppm | █ 2 | --- | --- | --- |

Diagnosis

Échantillonner de nouveau l'équipement au prochain intervalle de vidange afin d'en surveiller la condition. Les taux de métaux sont typiques pour la période de rodage d'un nouveau composant. Il n'y a aucun indice de contamination dans l'huile. L'état de l'huile est acceptable pour la durée de service.



WEAR METALS

| | | | | | |
|------------|-----|------|-----|-----|-----|
| Iron | ppm | █ 48 | --- | --- | --- |
| Copper | ppm | █ 14 | --- | --- | --- |
| Lead | ppm | █ 1 | --- | --- | --- |
| Tin | ppm | █ 2 | --- | --- | --- |
| Aluminum | ppm | █ 28 | --- | --- | --- |
| Chromium | ppm | █ 6 | --- | --- | --- |
| Molybdenum | ppm | █ 6 | --- | --- | --- |
| Nickel | ppm | █ <1 | --- | --- | --- |
| Titanium | ppm | █ <1 | --- | --- | --- |
| Silver | ppm | █ 0 | --- | --- | --- |
| Manganese | ppm | █ 4 | --- | --- | --- |
| Vanadium | ppm | █ 0 | --- | --- | --- |



ADDITIVES

| | | | | | |
|------------|-----|--------|-----|-----|-----|
| Calcium | ppm | █ 2261 | --- | --- | --- |
| Magnesium | ppm | █ 140 | --- | --- | --- |
| Zinc | ppm | █ 1050 | --- | --- | --- |
| Phosphorus | ppm | █ 899 | --- | --- | --- |
| Barium | ppm | █ 0 | --- | --- | --- |
| Boron | ppm | █ 3 | --- | --- | --- |

Depot: VOLVO0228
Unique No: 5433916
Signed: Wes Davis
Report Date: 21 Jul 2022



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GRAPHS

