

VIRO-TEC Mineral Diesel Engine Oil SAE 20W50 CF-4

Product Description

VIRO-TEC 20W-50 CF-4 is a high-performance, heavy-duty diesel engine oil designed to deliver reliable protection and extended engine life for diesel engines operating in severe conditions. It is suitable for naturally aspirated, turbocharged, and supercharged engines across a wide range of fuel qualities.

Application

- Recommended for diesel-powered trucks, construction equipment, agricultural machinery, and other heavy-duty vehicles.
- Compatible with on-highway and off-highway operations, including construction, quarrying, and agriculture.

Performance Benefits

- **Thermal and Oxidation Stability:** Prevents sludge buildup and controls deposits.
- **Effective Detergency/Dispersancy:** Promotes cleaner engines and longer engine life.
- **Shear Stability:** Maintains viscosity to reduce oil consumption and protect against wear.
- **Anti-Oxidant Additives:** Minimizes oil thickening for improved performance.

Storage Instructions

- Store in a covered, dry area to avoid water ingress and drum damage.
- Avoid exposure to temperatures above 60°C or freezing conditions.

Meets and Exceeds

- API : CF-4
- Volvo VDS .

Typical Properties

| Property | Method | Units | Value |
|-----------------------------------|------------|--------------------|--------|
| Density @ 15°C | ASTM D4052 | g/ml | 0.8832 |
| Kinematic Viscosity @ 100°C | ASTM D445 | mm ² /s | 18.51 |
| Kinematic Viscosity @ 40°C | ASTM D445 | mm ² /s | 159.9 |
| Viscosity Index | ASTM D2270 | None | 130 |
| Apparent Viscosity by CCS @ -15°C | ASTM D5293 | mPa.s (cP) | 8850 |
| Sulfated Ash | ASTM D874 | % wt | 1.25 |
| Total Base Number (TBN) | ASTM D2896 | mg KOH/g | 11.25 |
| Pour Point | ASTM D97 | °C | -27 |
| Flash Point, PMCC | ASTM D93 | °C | 240 |

