

VIRO-TEC Fully Synthetic Diesel Engine Oil SAE 0W30 CJ-4

Product Description

VIRO-TEC 0W30 CJ-4 is a fully synthetic, high-performance diesel engine oil designed to meet the demanding requirements of modern engines equipped with Diesel Particulate Filters (DPFs) and advanced emission control systems. It delivers superior performance in on-road applications, including heavy-duty transport, delivery, and urban traffic. With its low-SAPS technology, this oil extends the life of post-treatment systems, ensuring efficient and environmentally friendly operation.

Application

- Suitable for modern diesel engines with DPFs and other exhaust after-treatment systems (EGR, DOC).
- Recommended for light and heavy-duty diesel engines operating in severe conditions such as urban traffic, stop-and-go operations, or long-haul transportation.
- Compatible with gas engines and select passenger car diesel engines.

Performance Benefits

- **Low-SAPS Technology:** Reduces ash, phosphorus, and sulfur content, preventing clogging and prolonging the lifespan of DPFs.
- **Enhanced Engine Protection:** Advanced detergent and anti-wear additives ensure superior engine cleanliness and durability.
- **Improved Fuel Efficiency:** Reduces oil consumption and optimizes fuel usage.
- **All-Season Performance:** Excellent low-temperature pump ability for easy cold starts and high-temperature stability for reliable protection under heavy loads.
- **Extended Drain Intervals:** Allows longer oil change intervals, reducing maintenance costs.

Meets and Exceeds

Meets:

- API CJ-4, API SM

Approvals:

- Cummins CES 20081/ 20076
- Caterpillar ECF-3
- Mack EO-M Plus
- Volvo VDS-4
- Renault RLD-3
- Ford WSS-M2C171-F1

Typical Properties

Property	Method	Value
Viscosity Grade	SAE J300	0W30
Density @ 15°C	ASTM D 4052	0.8324 g/m ³
Kinematic Viscosity @ 40°C	ASTM D445	66.59 mm ² /s
Kinematic Viscosity @ 100°C	ASTM D445	11.95 mm ² /s
Viscosity Index	ASTM D2270	178
Pour Point	ASTM D97	-48 °C
Flash Point	ASTM D92	225 °C
Sulfated Ash	ASTM D874	0.56 % wt
Total Base Number (TBN)	ASTM D2896	10.12 mg KOH/g



Health, Safety, and Environment

- Avoid prolonged contact with skin; wash thoroughly with soap and water after handling.
- Dispose of used oil responsibly at an authorized collection point.
- Refer to the Material Safety Data Sheet (MSDS) for detailed guidelines.

Storage and Handling

- Store in a cool, dry place away from direct sunlight and extreme temperatures.
- Ensure containers are sealed to prevent contamination.
- Recommended storage temperature: below 60°C.

