

VIRO-TEC Fully Synthetic Diesel Engine Oil SAE 15W-40 CJ-4

Product Description

VIRO-TEC 15W-40 CJ-4/SM is a premium fully synthetic heavy-duty diesel engine oil. Formulated with advanced additive technology, it provides exceptional performance in both modern diesel engines and older models. Designed to excel in the most demanding operating conditions, this oil ensures maximum engine protection, extended oil drain intervals, and improved fuel efficiency.

Performance Benefits

- **Fuel Efficiency:** Advanced formula reduces oil thickening, enhancing fuel economy.
- **Extended Drain Intervals:** Engineered for prolonged oil change intervals under proper conditions.
- **Wear Protection:** Provides exceptional protection against wear, even in high-temperature, high-load conditions.
- **Engine Cleanliness:** Controls piston deposits and minimizes sludge buildup for better engine health.
- **Emission System Protection:** Protects critical after-treatment devices like DPFs, ensuring longer system life.
- **Wide Operating Range:** Performs exceptionally across a broad temperature spectrum.

Care and Handling

- Avoid prolonged skin contact. Wash thoroughly after handling.
- Dispose of used oil in compliance with local environmental regulations.

Typical Properties

Property	Method	Units	Value
Density @ 15°C	ASTM D4052	g/ml	0.8534
Kinematic Viscosity @ 100°C	ASTM D445	mm ² /s	15.11
Kinematic Viscosity @ 40°C	ASTM D445	mm ² /s	102.3
Viscosity, CCS @ -20°C	ASTM D5293	mPa.s (cP)	5480
Viscosity Index	ASTM D2270	-	156
Sulphated Ash	ASTM D874	% wt	0.56
TBN	ASTM D2896	mg KOH/g	9.75
Pour Point	ASTM D97	°C	-39
Flash Point	ASTM D92	°C	240

Application

- Recommended for high-performance diesel engines, including turbocharged and naturally aspirated models.
- Suitable for on-road and off-road applications, including commercial fleets, trucks, buses, and heavy machinery.
- Complies with Tier IV and Euro V/VI emission standards.
- Compatible with engines utilizing Exhaust Gas Recirculation (EGR), Diesel Particulate Filters (DPF), and Selective Catalytic Reduction (SCR) technologies.

Meets and Exceeds

ACEA Standards:

- E7, E9

API Standards:

- CJ-4, SM

JASO:

- DH-2

OEM Approvals:

- CAT ECF-3
- Cummins CES 20081
- Deutz DQC III-10LA
- Mack EO-O Premium Plus
- MAN M 3575
- RVI RLD-3
- Volvo VDS 4



Packaging & Storage

Packaging:

- Available in multiple sizes, including 1L, 4L, 20L, and 200L containers.

Storage:

- Store in a cool, dry place away from direct sunlight.
- Avoid storage above 60°C or in freezing conditions.
- Ensure containers are tightly sealed to prevent contamination.

Safety & Environment

- Fully compliant with global safety regulations.
- GHS-compliant Safety Data Sheets (SDS) available upon request.
- Always recycle used oil responsibly at authorized collection points.

