

D-TEC Mineral Diesel Engine Oil SAE 50 CD

Product Description

D-TEC SAE 50 CD is a robust monograde diesel engine oil specifically developed for heavy-duty diesel engines, hydraulic systems, and manual transmissions requiring SAE 50 specifications. Its advanced formulation delivers outstanding protection against wear, deposits, and oil degradation, making it ideal for both on-road and off-road applications.

Performance Benefits

- **Exceptional Wear Resistance:** Minimizes engine wear for extended equipment life under heavy loads.
- **Corrosion Protection:** Shields vital engine components from rust and corrosion.
- **Thermal Stability:** Maintains performance integrity in high-temperature operations.
- **Engine Cleanliness:** Detergents and dispersants effectively reduce deposits and sludge.
- **Versatility:** Performs reliably across a range of engines, transmissions, and hydraulic systems.

Health, Safety, and Environment

- Avoid prolonged skin contact; wash thoroughly with soap and water after handling.
- Do not dispose of used oil into drains or the environment. Take it to authorized collection facilities.
- Consult the Safety Data Sheet (SDS) for detailed safety and handling instructions.

Typical Properties

Property	Method	Units	Value
Density @ 15°C	ASTM D4052	g/ml	0.8956
Kinematic Viscosity @ 40°C	ASTM D445	mm ² /s	220.5
Kinematic Viscosity @ 100°C	ASTM D445	mm ² /s	18.78
Viscosity Index	ASTM D2270	-	96
Pour Point	ASTM D97	°C	-18
Flash Point	ASTM D93	°C	260
Sulfated Ash	ASTM D874	% wt	1.25
Total Base Number (TBN)	ASTM D2896	mg KOH/g	10.50

Application

- Turbocharged and naturally aspirated diesel engines in commercial vehicles (trucks, buses, and vans).
- Off-road applications, including construction, agriculture, and mining.
- Stationary diesel engines for power generation.
- Manual transmissions and hydraulic systems requiring SAE 50-grade oil.

Meets and Exceeds

- Meets API CD standards.
- Volvo VDS

Storage Instructions

- Store in a cool, dry indoor environment.
- Avoid exposure to temperatures above 60°C, direct sunlight, or freezing conditions.
- For outdoor storage, lay drums horizontally to prevent water ingress and preserve labels.

