

D-TEC Mineral Diesel Engine Oil SAE 60 CD

Product Description

D-TEC SAE 60 CD is a premium-quality monograde diesel engine oil, specifically designed for heavy-duty diesel engines and critical components such as final drives and axles. This oil meets stringent Caterpillar FD-1 specifications, delivering unmatched performance and protection under severe conditions.

Performance Benefits

- **Exceptional Thermal Stability:** Provides consistent protection and lubrication in high-temperature environments.
- **Advanced Corrosion Resistance:** Protects critical components from rust, extending equipment lifespan.
- **Superior Wear Protection:** Reduces friction and wear for prolonged engine and component reliability.
- **Versatile Use:** Suitable for heavy-duty diesel engines, gear systems, and axles in extreme environments.

Health, Safety, and Environment

- Avoid prolonged skin contact; wash exposed areas with soap and water after handling.
- Dispose of used oil responsibly at designated collection points; do not discharge into the environment.
- Refer to the Safety Data Sheet (SDS) for detailed safety and handling information.

Typical Properties

Property	Method	Units	Value
Density @ 15°C	ASTM D4052	g/ml	0.8968
Kinematic Viscosity @ 40°C	ASTM D445	mm ² /s	346.2
Kinematic Viscosity @ 100°C	ASTM D445	mm ² /s	25.21
Viscosity Index	ASTM D2270	-	95
Pour Point	ASTM D97	°C	-15
Flash Point	ASTM D92	°C	265
Total Base Number (TBN)	ASTM D2896	mg KOH/g	10.50

Application

- Caterpillar equipment requiring CAT FD-1 specification oils.
- Final drives, axles, and differentials operating under extreme loads and high temperatures.
- Heavy-duty diesel engines in off-road, industrial, and transportation sectors.
- Not recommended for systems with friction discs or oil-immersed brake systems.

Meets and Exceeds

- Meets API CD standards.
- Approved for Caterpillar FD-1 specification requirements.

Storage Instructions

- Store in a cool, dry environment away from sunlight and freezing temperatures.
- Do not exceed storage temperatures of 60°C.
- For outdoor storage, place drums horizontally to prevent contamination and maintain labeling integrity.

