



**Product Name:** SCHÜTZ SAE 60 API CD

**Viscosity Grade:** SAE 60

**Quality Level:** Mineral

**API Service:** CD

**Recommended for:**

- Final drives, axles, bevel gears, and differentials in heavy-duty equipment
- Equipment requiring lubricants meeting CAT FD-1 specifications

**Application:** Recommended heavy-duty diesel engines

**Drain Interval:** Up to 4,000 Km

## Product Overview

SCHÜTZ SAE 60 API 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.

## 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.

## 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.

## Meets and approvals:

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

## Typical Properties

Property	Method	Unit	Typical Value
Density @ 15°C	ASTM D4052	g/ml	0.8968
Kinematic Viscosity @ 40°C	ASTM D445	mm <sup>2</sup> /s	346.2
Kinematic Viscosity @ 100°C	ASTM D445	mm <sup>2</sup> /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

## Health, Safety, and Environmental Information:

- Avoid prolonged or repeated contact with used oil.
- Wash exposed skin thoroughly with soap and water after handling.
- Wear protective gloves when handling oil.
- Dispose of used oil responsibly at authorized collection points; do not discharge into the environment.
- Refer to the Safety Data Sheet (SDS) for more detailed information.

## Storage and Handling:

- Store in a cool, dry environment away from sunlight and freezing conditions.
- Avoid exposure to extreme temperatures above 60°C.
- For outdoor storage, keep drums horizontally to prevent contamination and maintain labeling integrity.

