



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

**Viscosity Grade:** SAE 60

**Quality Level:** Mineral

**API Service:** CF

**Recommended for:** Modern highly loaded Caterpillar off road equipment in extreme severe service where lubricants meeting CAT FD-1 or any engine require the same oil specifications.

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

**Drain Interval:** Up to 5,000 Km

## Product Overview

SCHÜTZ SAE 60 API CF is a high-performance, heavy-duty final drive and axle oil (FDAO) designed for use in highly loaded Caterpillar off-road equipment. This robust lubricant meets the stringent requirements of CAT FD-1 specifications, providing superior thermal stability, corrosion protection, and load-carrying capacity for extreme operating conditions.

## Application

- Suitable for final drives, axles, bevel gears, and differentials in Caterpillar equipment requiring CAT FD-1 specification.
- Ideal for equipment operating under heavy loads and high temperatures, up to +50°C.
- Not recommended for use in systems with friction discs, such as self-locking differentials or oil-immersed brake systems.

## Performance Benefits

- **Superior Thermal Stability:** Ensures consistent performance under severe conditions.
- **Enhanced Corrosion Protection:** Extends the lifespan of components.
- **High Load-Carrying Capacity:** Designed for heavy-duty operations in extreme environments.
- **Extended Durability:** Reduces wear and enables longer drain intervals.

## Meets and approvals:

- API CF
- CATERPILLAR FD-1

## 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
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## Health, Safety, and Environmental Information:

- Based on available toxicological information SCHÜTZ SAE 60 API CF is not expected to pose significant health risks when used as intended.
- Avoid prolonged skin contact; in case of contact, wash with soap and water.
- Dispose of used oil responsibly; do not discharge into drains, soil, or water bodies.
- Consult the Safety Data Sheet (SDS) for more details.

## Storage and Handling:

- Store under cover to avoid exposure to weather.
- Drums should be laid horizontally to prevent water ingress and preserve drum markings.
- Avoid storage above 60°C, prolonged exposure to sunlight, or freezing conditions.

