



Product Name: SCHÜTZ SAE 50 API CF

Viscosity Grade: SAE 50

Quality Level: Mineral

API Service: CF

Recommended for: Heavy duty diesel engines, hydraulic systems and transmissions also classical vehicles without oil filter and with cyclone separator, resp. prior to model year 1950 requiring a non-alloyed or very mildly 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 50 API CF is a high-performance monograde diesel engine oil, specifically formulated for heavy-duty diesel engines, hydraulic systems, and transmissions requiring SAE 50 grade oil. It offers superior protection against wear, deposits, and oil thickening caused by combustion by-products. This product ensures extended engine life and optimal performance under challenging operating conditions.

Application

- Turbocharged or naturally aspirated diesel engines in commercial vehicles, including trucks, buses, and vans.
- Off-road applications such as construction, agriculture, navigation, and railroads.
- Stationary diesel engines for energy production.
- Gearboxes, torque converters, and hydraulic systems where SAE 50 engine oil is specified.

Performance Benefits

- **Excellent Wear Protection:** Minimizes engine wear for extended component life.
- **Corrosion Resistance:** Protects critical engine parts from rust and corrosion.
- **Detergent and Dispersant Additives:** Reduces deposits and keeps engine components clean.
- **Thermal Stability:** Maintains oil integrity under high-temperature operations.
- **Versatility:** Suitable for diesel engines, hydraulic systems, and manual transmissions requiring SAE 50 grade oil.

Meets and approvals:

- API CF/SF
- Volvo VDS

Typical Properties

Property	Method	Unit	Typical 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

Health, Safety, and Environmental Information:

This product is not expected to pose any health risks when used as directed. Refer to the Safety Data Sheet (SDS) for comprehensive safety information. Dispose of used oil responsibly to protect the environment.

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.

