



Product Name: SCHÜTZ SAE 50 API CD

Viscosity Grade: SAE 50

Quality Level: Mineral

API Service: CD

Recommended for:

- Heavy-duty diesel engines
- Hydraulic systems and manual transmissions
- Classical vehicles without oil filters and engines requiring non-alloyed or mildly alloyed oils

Application: Recommended heavy-duty diesel engines

Drain Interval: Up to 4,000 Km

Product Overview

SCHÜTZ SAE 50 API 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.

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.

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.

Meets and approvals:

- Meets API CD standards
- 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:

- 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.

