



Product Name: SCHÜTZ SAE 0W30 API CK-4/SN

Viscosity Grade: SAE 0W30

Quality Level: Fully Synthetic

API Service: CK-4/SN

Recommended for: Vehicles equipped with DPF, EGR, SCR systems, and any diesel engine requiring 0W-30 CK-4 oil.

Drain Interval: Up to **60,000 Km** or as recommended by the vehicle manufacturer

Product Overview

SCHÜTZ SAE 0W30 API CK-4/SN is a high-performance, fully synthetic heavy-duty engine oil engineered for advanced emission-compliant diesel engines operating in cold climates. It uses premium base oils and high-performance additive technology to deliver long drain intervals, exceptional oxidation stability, and outstanding wear protection. It is backwards compatible with older diesel engines and supports optimal performance in biodiesel blends up to B20

Application

- Heavy-duty diesel engines complying with Euro V and Euro VI emissions.
- On-road commercial transport vehicles operating in cold environments.
- Off-road equipment used in construction, agriculture, and mining.
- Engines with DPF, EGR, and SCR emission control systems.
- Compatible with biodiesel blends (up to B20).

Performance Benefits

- **Excellent Cold-Start Performance:** Outstanding low-temperature fluidity ensures rapid oil flow during engine start-up in harsh cold climates.
- **Extended Drain Capability:** Formulated to meet long oil drain requirements while maintaining engine protection.
- **Superior Wear Protection:** Shields critical engine parts from wear and deposits under high-load conditions.
- **Emission System Protection:** Low SAPS formulation supports the durability of DPF, EGR, and SCR components.
- **Enhanced Oxidation Control:** Resists oil thickening and sludge build-up, even under severe operating cycles.
- **Improved Fuel Efficiency:** Ultra-low viscosity helps minimize engine friction and fuel consumption

Performance Specifications:

Meets & Exceeds:

- API CK-4 / SN
- ACEA E6-22 / E9-22
- MB-Approval 228.51
- Volvo VDS-4.5





- Renault RLD-3
- MTU Type 3.1
- Mack EOS-4.5
- MAN M3477
- Cummins CES 20086
- DDC 93K222
- Caterpillar ECF-3
- Scania LDF-4

Typical Properties

Property	Method	Unit	Typical Value
SAE Grade	SAE J300	-	0W-30
Density @ 15°C	ASTM D4052	g/ml	0.843
Kinematic Viscosity @ 40°C	ASTM D445	mm ² /s	62.3
Kinematic Viscosity @ 100°C	ASTM D445	mm ² /s	11.5
Viscosity Index	ASTM D2270	-	172
Pour Point	ASTM D97	°C	-54
Flash Point	ASTM D92	°C	226
Sulfated Ash	ASTM D874	% wt	0.95
TBN	ASTM D2896	mg KOH/g	10.3
Noack Volatility	ASTM D5800	% Loss	9.3
Cold Cranking Viscosity	ASTM D5293	mPa.s	6200 @ -35°C

Storage, Care and Handling:

- Avoid prolonged skin contact. Wash thoroughly after handling.
- Dispose of used oil in compliance with local environmental regulations
- Store in a cool, dry place away from direct sunlight and extreme temperatures.
- Avoid water contamination and ensure the container is sealed after use.
- Follow environmental regulations for proper disposal of used oil.

Safety & Environment:

- Fully compliant with global safety regulations.
- GHS-compliant Safety Data Sheets (SDS) available upon request.
- Always recycle used oil responsibly at authorized collection points

