



Product Name: SCHÜTZ SAE 10W40 API CK-4/SN

Viscosity Grade: SAE 10W40

Quality Level: Fully Synthetic

API Service: CK-4/SN

Recommended for: Heavy Duty Diesel Engines including Euro V/VI Modern Low Emissions Vehicles, Utilizing Technologies such as Diesel Particulate Filter (DPF), Selective Catalytic Reduction (SCR), Continuously Regenerating Traps (CRT), Diesel Oxidation Catalysts (DOC) and Exhaust Gas Recirculation (EGR).

Application: Recommended for modern diesel low emissions engines.

Drain Interval: Up to **40,000 Km** or as recommended by the vehicle manufacturer

Product Overview

SCHÜTZ SAE 10W40 API CK-4/SN is a premium synthetic technology heavy-duty diesel engine oil designed to deliver superior engine protection and performance. Formulated with advanced **Inno-Boost Technology**, it offers excellent anti-oxidation stability, prolonging oil life and maintaining viscosity under severe conditions. Its "Low SAPS" formulation is tailored for modern low-emission engines equipped with advanced emission control systems, including Diesel Particulate Filters (DPFs), Selective Catalytic Reduction (SCR), and Exhaust Gas Recirculation (EGR).

Application

- Recommended for high-speed, four-stroke diesel engines requiring API CK-4 performance.
- Compatible with Euro V/VI and US EPA 2007/2010 compliant engines, as well as older models.
- Suitable for on-road (trucks, buses) and off-road (mining, construction, agricultural) applications.
- Ideal for fleets with mixed brands and engine models

Performance Benefits

- **Inno-Boost Technology:** Maintains viscosity stability and reduces oxidation.
- **Extended Drain Capability:** Ensures durability under extended service intervals.
- **Low SAPS Technology:** Protects emission control systems and minimizes deposits.
- **Engine Cleanliness:** Advanced detergents and dispersants combat soot and deposits.
- **Fuel Economy:** Enhanced formulation reduces fuel consumption.
- **Temperature Performance:** Exceptional flow at low temperatures and stability at high temperatures.

Meets and approvals:

Meets:

- **API:** CK-4, CJ-4, CI-4 PLUS
- **ACEA:** E4, E7, E9, E11
- **JASO:** DH-2

OEM Approvals:

- MAN M 3775, MACK EOS-4.5, EO-O Premium Plus, Renault Trucks RLD-2, RLD-3, Volvo VDS-3, VDS-4, VDS-4.5, DQC IV-18 LA, Cummins CES 20081, CES 20086, DTFR 15C110, MAN M 3271-1, M 3575, IVECO 18-1804 TLS E9, MAN M 3477, Scania Low Ash, Caterpillar ECF-3, DAF Extended Drain



Typical Properties

Property	Method	Unit	Typical Value
Density @ 15°C	ASTM D4052	g/cm ³	0.8546
Kinematic Viscosity @ 40°C	ASTM D445	mm ² /s	97.44
Kinematic Viscosity @ 100°C	ASTM D445	mm ² /s	14.56
Viscosity Index	ASTM D2270	-	155
Pour Point	ASTM D97	°C	-39
Flash Point	ASTM D92	°C	240
TBN	ASTM D2896	mg KOH/g	10.15
Sulfated Ash	ASTM D874	% wt	0.56

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

