



**Product Name:** SCHÜTZ SAE 10W30 API FA-4/SN

**Viscosity Grade:** SAE 10W30

**Quality Level:** Fully Synthetic

**API Service:** FA-4/SN

**Recommended for:** Ideal for 2017 and later diesel engines fitted with EGR and the latest exhaust after treatment systems such as; DPF, DOC and/or SCR, or any engine require the same oil specifications

**Application:** Modern heavy duty diesel engine

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

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## Product Overview

SCHÜTZ SAE 10W30 API FA-4/SN is an advanced synthetic blend diesel engine oil, specifically formulated to meet the demands of modern, fuel-efficient diesel engines. Designed for use in vehicles where API FA-4 oils are recommended, this oil ensures superior engine protection, outstanding fuel economy, and extended oil life. Developed for heavy-duty applications, SCHÜTZ SAE 10W30 API FA-4/SN reduces operational costs while maintaining engine cleanliness and optimal performance.

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## Application

- Designed for use in modern, high-efficiency heavy-duty diesel engines where API FA-4 oils are recommended.
- Suitable for engines equipped with advanced emission control systems, including DPF, DOC, and SCR.
- Ideal for both high-speed, long-haul applications and short-haul, pickup, and delivery services

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## Performance Benefits

- **Enhanced Fuel Efficiency:** Reduces engine drag, providing greater fuel economy compared to conventional SAE 10W-30 oils.
- **Extended Oil Drain Intervals:** Engineered for longer oil life, with potential up to 50% beyond OEM recommendations (with proper monitoring).
- **Outstanding Wear Protection:** Protects critical engine components under high-pressure and high-temperature conditions.
- **Oxidation and Deposit Control:** Prevents sludge buildup and high-temperature deposits for cleaner engine operation.
- **Low-Temperature Performance:** Maintains excellent fluidity and pumpability for smooth engine starts in cold climates.
- **Emission System Protection:** Low ash formulation enhances the lifespan of diesel particulate filters (DPF), diesel oxidation catalysts (DOC), and selective catalytic reduction (SCR) systems.
- **Multi-Engine Compatibility:** Meets API SN specifications, making it suitable for gasoline engines requiring this level of performance

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## Performance Specifications:

### Meets & Exceeds:

- API FA-4/ SN
- DDC DFS 93K223





- Cummins CES 20087
- JASO DH-2
- Ford WSS-M2C214-B1

## Typical Properties

Property	Method	Typical Value
SAE Grade	-	10W-30
Kinematic Viscosity @ 100 °C (cSt)	ASTM D445	12.11
Kinematic Viscosity @ 40 °C (cSt)	ASTM D445	78.62
Viscosity Index	ASTM D2270	150
Pour Point (°C)	ASTM D97	-39
Flash Point (°C)	ASTM D92	240
Cold-Cranking Simulator (mPa.s @ -25°C)	ASTM D5293	5825
Mini-Rotary Viscometer (mPa.s @ -30°C)	ASTM D4684	13500
HTHS Viscosity @ 150 °C (mPa.s)	ASTM D4683	3.2
Sulfated Ash (% wt)	ASTM D874	0.56
Total Base Number (TBN, mg KOH/g)	ASTM D2896	10.15
Density @ 15 °C (g/ml)	ASTM D1298	0.8546

## 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

