



Product Name: SCHÜTZ SAE 5W30 API FA-4/SN

Viscosity Grade: SAE 5W30

Quality Level: Fully Synthetic

API Service: FA-4/SN

Recommended for: For modern diesels 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

Product Overview

SCHÜTZ SAE 5W30 API FA-4/SN is a high-performance, low-friction oil specially formulated for Euro 6 commercial diesel engines operating under heavy loads. It incorporates advanced wear-protection technology to ensure exceptional piston cleanliness, prolong engine service life, and reduce emissions. Its low High-Temperature High-Shear (HTHS) viscosity maximizes fuel efficiency while minimizing maintenance costs through extended oil change intervals. SCHÜTZ SAE 5W30 API FA-4/SN is ideal for year-round use, but it is not backward compatible with older engine models.

Application

- Suitable for high-load Euro 6 commercial vehicle diesel engines, including Mercedes-Benz trucks and buses with engine types OM 470, 471, 473, 934, 936, and 936h.
- Designed for engines requiring API FA-4 specifications and is not backward compatible

Performance Benefits

- **High Stability to Aging:** Ensures consistent performance over extended intervals.
- **Superior Wear Resistance:** Protects engine components under extreme loads.
- **High Cleaning Efficiency:** Maintains piston cleanliness for optimal performance.
- **Fuel Efficiency:** Reduces fuel consumption and emissions.
- **Extended Engine Life:** Provides long-lasting protection against wear and deposits.
- **Minimized Maintenance Costs:** Allows for longer oil change intervals, reducing downtime

Performance Specifications:

Meets & Exceeds:

- API FA-4/ SN
- DTFR 15C130 (228.61)
- Volvo VDS-5
- Cummins CES 20087
- Detroit Diesel DFS 93K223
- DDC DFS 93K223



Typical Properties

Property	Method	Unit	Typical Value
SAE Class (Engine Oils)	SAE J300	-	5W-30
Density @ 15°C	DIN 51757	g/cm ³	0.8468
Kinematic Viscosity @ 40°C	ASTM D7042	mm ² /s	69.96
Kinematic Viscosity @ 100°C	ASTM D7042	mm ² /s	12.18
Viscosity @ -35°C (MRV)	ASTM D4684	mPas	25,000
Viscosity @ -30°C (CCS)	ASTM D5293	mPas	5800
Viscosity Index	DIN ISO 2909	-	173
HTHS @ 150°C	ASTM D5481	mPas	3.1
Pour Point	DIN ISO 3016	°C	-42
Flash Point	DIN ISO 2592	°C	230
Evaporation Loss (Noack)	CEC-L-40-A-93	%	9.50
Total Base Number (TBN)	DIN ISO 3771	mg KOH/g	10.12
Sulfate Ash	DIN 51575	g/100g	0.46
Color Number (ASTM)	DIN ISO 2049	-	L 3.0
Oil Base	-	-	Advanced Full Synthetic

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

