



**Product Name:** SCHÜTZ SAE 5W30 API CI-4/SL

**Viscosity Grade:** SAE 5W30

**Quality Level:** Semi Synthetic

**API Service:** CI-4/SL

**Recommended for:** Larger engines such as Sports Utility Vehicles (SUV), light-duty trucks, vans and passenger cars or any engine require same oil specification.

**Application:** Recommended automotive diesel and gasoline engine.

**Drain Interval:** up to **30.000 Km** or as recommended by the vehicle manufacturer

---

## Product Overview

SCHÜTZ SAE 5W30 API CI-4/SL is a high-performance **semi-synthetic diesel engine oil** developed to provide outstanding protection against wear, soot build-up, oil thickening, and deposits in harsh operating environments. Blended with premium **synthetic base stocks** and a **high-performance additive system**, it ensures extended oil drain intervals and reliable engine performance in both **low-temperature startups** and **high-load operations**.

---

## Application

Formulated for **heavy-duty diesel engines** operating under high loads and extended intervals, **SCHÜTZ SAE 5W30 API CI-4/SL** is suitable for **modern turbocharged diesel engines**, including those fitted with **EGR systems** (Exhaust Gas Recirculation), and can also be used in some **gasoline engines** requiring API SL performance.

It is especially effective in:

- Long-haul trucks, buses, and off-road equipment
- Construction and mining engines
- Diesel engines requiring CI-4 / CH-4 performance with extended drain capability

---

## Performance Benefits

- **Extended Drain Capability**  
Maintains performance integrity over long service intervals up to 30,000 km with minimal oil consumption.
  - **High-Temperature Stability**  
Prevents breakdown at high temperatures common in turbocharged or high-load diesel engines.
  - **Advanced Wear Protection**  
Minimizes valve train, piston ring, and cylinder wear, even in severe service applications.
  - **Soot and Deposit Control**  
Excellent TBN retention and dispersant properties protect against soot-induced oil thickening and piston deposits.
  - **Cold Start Performance**  
Superior low-temperature fluidity ensures fast lubrication at engine start-up, reducing metal-to-metal contact.
  - **Fuel Efficiency**  
5W-30 grade contributes to improved fuel economy compared to higher viscosity diesel oils.
- 





## Meets and approvals:

- API CI-4 / CH-4 / SL
- ACEA E7 (performance equivalent)
- Cummins CES 20076/77/78
- Volvo VDS-2
- MB 228.3
- Mack EO-N

## Typical Properties

Property	Method	Typical Value
Appearance	Visual	Bright & Clear
Density @ 15°C	ASTM D4052	0.852 g/cm <sup>3</sup>
Viscosity @ 40°C	ASTM D445	72 – 80 mm <sup>2</sup> /s
Viscosity @ 100°C	ASTM D445	11.5 – 12.5 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	≥155
Pour Point	ASTM D97	-39°C
Flash Point	ASTM D92	≥220°C
CCS @ -30°C	ASTM D5293	≤6000 cP
TBN (mg KOH/g)	ASTM D2896	10 – 11
Sulfated Ash	ASTM D874	≤1.2%
Noack Volatility	ASTM D5800	≤13.0%

## Storage and Handling:

- 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.

## Performance Highlights:

- Outstanding soot handling and dispersancy for long-life engines
- Ensures cleaner pistons and valves over extended intervals
- Reliable protection in both extreme heat and sub-zero temperatures
- Reduces downtime and maintenance cost for fleets and operators

