



**Product Name:** SCHÜTZ SAE 10W30 API CH-4/SL

**Viscosity Grade:** SAE 10W30

**Quality Level:** Semi Synthetic

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

**Recommended for:** Use in high speed 4-stroke diesel engines that use a broad range of fuel qualities, suitable for on-road and off-road applications, including equipment that are exposed to extreme low temperature or any engine require same oil specification.

**Application:** Recommended gasoline and diesel engines

**Drain Interval:** Between 8000 to 12000 Km or as recommended by the vehicle manufacturer.

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## Product Overview

SCHÜTZ SAE 10W30 API CH-4/SL is a premium semi-synthetic, heavy-duty diesel engine oil formulated to deliver exceptional performance in diesel and gasoline engines. Designed for on- and off-highway applications, it ensures superior protection under the most demanding conditions, prolonging engine life and maximizing efficiency.

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## Application

- Suitable for high-speed, four-stroke turbocharged or naturally aspirated engines.
- Designed for mixed fleets of diesel and gasoline engines.
- Recommended for stop-and-go vehicles, such as buses and waste collection trucks.
- Ideal for off-highway equipment and machinery exposed to extreme conditions

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## Performance Benefits

- **Superior Engine Protection:** Advanced anti-wear additives reduce valve train wear and scuffing.
- **Deposit Control:** Keeps soot in suspension to prevent filter plugging and sludge formation.
- **Oxidation Resistance:** Extends oil drain intervals and maintains optimal performance under high temperatures.
- **Cold-Start Performance:** Excellent low-temperature pump ability ensures reliable operation in cold climates.
- **Mixed Fleet Use:** Compatible with both diesel and gasoline engines in commercial and industrial applications.

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## Meets and approvals:

- API CH-4/SL
- ACEA E7
- MB 228.3
- MAN M 3275-1
- MTU Type 2
- Mack EO-M Plus
- Caterpillar ECF-1-a
- CES 20076/20077





## Typical Properties

Property	Method	Unit	Typical Value
Density @ 15°C	g/ml	ASTM D4052	0.8568
Kinematic Viscosity @ 40°C	mm <sup>2</sup> /s	ASTM D445	79.54
Kinematic Viscosity @ 100°C	mm <sup>2</sup> /s	ASTM D445	12.11
Viscosity Index	-	ASTM D2270	148
Pour Point	°C	ASTM D97	-36
Flash Point (COC)	°C	ASTM D92	230
Total Base Number (TBN)	mg KOH/g	ASTM D2896	10.11
Sulphated Ash Content	% wt	ASTM D874	1.02

## Health, Safety, and Environmental Information:

- Avoid prolonged or repeated contact with used oil.
- Wear protective gloves and wash hands thoroughly with soap and water after handling.
- Do not dispose of used oil in drains or the environment. Take it to an authorized used oil collection point.

## Storage and Handling:

- Store under cover to avoid exposure to weather.
- Drums should be laid horizontally to prevent water ingress and preserve drum markings.
- Avoid storage above 60°C, prolonged exposure to sunlight, or freezing conditions.

