



Product Name: SCHÜTZ SAE 15W40 API CH-4/SL

Viscosity Grade: SAE 15W40

Quality Level: Semi Synthetic

API Service: CH-4/SL

Recommended for: Commercial vehicle diesel engines without diesel particulate filter (DPF). Particularly suited for vehicles with high mileage, or any engine required same oil specification.

Application: Recommended gasoline and diesel engines

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

Product Overview

SCHÜTZ SAE 15W40 API CH-4/SL is a premium multi-grade diesel engine oil formulated to provide exceptional performance and protection for modern diesel and gasoline engines. It meets the demands of severe operating conditions in on-road and off-road applications, delivering outstanding wear protection, thermal stability, and engine cleanliness.

Application

- Suitable for high-speed 4-stroke diesel engines, both turbocharged and naturally aspirated.
- Recommended for vehicles requiring API CH-4/SL oils, including on-highway commercial vehicles, agricultural equipment, and off-road machinery.
- Designed for use in engines operating under extreme conditions, including high temperatures, heavy loads, and low-quality fuels.

Performance Benefits

- **Thermal and Oxidation Stability:** Minimizes sludge and deposit formation, ensuring extended oil life and consistent performance under high-temperature conditions.
- **Enhanced TBN Retention:** Protects against acid corrosion caused by fuel combustion, prolonging engine component life.
- **Detergent and Dispersant Additives:** Keeps engines clean by preventing soot and deposit build-up, improving efficiency and extending operational life.
- **High Shear Stability:** Maintains viscosity grade under extreme operating conditions, providing reliable wear protection.
- **Low-Temperature Pumpability:** Ensures rapid oil circulation during cold starts, reducing wear on critical engine parts.
- **Component Compatibility:** Protects seals and gaskets, reducing the risk of leaks and maintaining operational reliability.

Meets and approvals:

- API CH-4/SL
- ACEA E7-22
- DTFR 15B110 (MB 228.3)
- MAN 3275





- Deutz DQC-II
- MTU 2.0
- Mack EO-M
- Cummins CES 20077
- Caterpillar ECF 1a
- ZF TE-ML 04P
- ZF TE -ML 07D

Typical Properties

Property	Method	Unit	Typical Value
SAE Grade	-	-	15W-40
Kinematic Viscosity @ 40°C	ASTM D445	mm ² /s	97.59
Kinematic Viscosity @ 100°C	ASTM D445	mm ² /s	14.38
Viscosity Index	ASTM D2270	-	152
Pour Point	ASTM D97	°C	-33
Flash Point (COC)	ASTM D92	°C	240
TBN	ASTM D2896	mg KOH/g	10.25
Sulfated Ash	ASTM D874	% wt	1.02
Density @ 15°C	ASTM D4052	g/cm ³	0.8578

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.

