



Product Name: ERSTÜR SAE 5W-30 API SM/CF

Viscosity Grade: SAE 5W-30

Quality Level: Semi - Synthetic

API Service: SM/CF

Recommended for: European, Japanese and American cars and any engine recommend same engine oil Specification.

Application: Recommended for gasoline and Diesel engines.

Drain Interval: Up to 10,000 Km

Product Overview

ERSTÜR SAE 5W-30 API SM/CF is a premium-quality, low-friction synthetic motor oil engineered for gasoline and diesel engines, with or without diesel particulate filters (DPF) and turbochargers. Ideal for modern engines, including gas-driven vehicles (CNG/LPG), ERSTÜR SAE 5W-30 API SM/CF provides outstanding protection against wear, ensuring reliable performance under various driving conditions. Enhanced with advanced synthetic base oils and optimized additives, this oil improves fuel efficiency, minimizes emissions, and supports extended oil change intervals up to 10,000 km, depending on manufacturer recommendations. Its high lubrication stability and excellent cold start properties make it the optimal choice for drivers seeking both performance and durability.

Application

- Recommended for all gasoline and diesel engines, including those with diesel particulate filters (DPF) and turbochargers.
- Suitable for high-performance vehicles requiring ACEA A3/B3, API SM, or API CF standards.
- Optimized for gas-driven (CNG/LPG) passenger cars

Performance Benefits

- **Advanced Wear Protection:** Reduces friction and extends engine life, even under high-load conditions.
- **Optimized Fuel Efficiency:** Low friction properties contribute to lower fuel consumption and reduced emissions.
- **Outstanding Cold Start Protection:** Provides quick lubrication to critical engine parts during cold starts, reducing startup wear.
- **High Oxidation Stability:** Maintains stability at high temperatures, minimizing deposit formation for a cleaner engine.
- **Broad Compatibility:** Fully miscible with other motor oils, enabling seamless integration with existing oils

Meets and Approvals

Meets:

- ACEA A3/B3
- API SM/CF
- ILSAC GF-4





OEM Standards:

- **BMW** Longlife-04 (up to 2018)
- **Ford** WSS-M2C 917-A
- **Mercedes-Benz** MB 229.51
- **Opel** GM-LL-A-025 / GM-LL-B-025
- **VW** 505 00 / 505 01

Typical Properties

Property	Method	Value
Viscosity Grade	SAE J300	5W-30
Density @ 15°C	DIN 51757	0.8456 g/cm ³
Kinematic Viscosity @ 40°C	ASTM D445	68.11 mm ² /s
Kinematic Viscosity @ 100°C	ASTM D445	11.55 mm ² /s
Apparent Viscosity by MRV @ -35°C	ASTM D4684	22,480 mPaS
Apparent Viscosity by CCS @ -30°C	ASTM D5293	6,000 mPaS
Viscosity Index	DIN ISO 2909	165
High Temp High Shear (HTHS) @ -150°C	ASTM D5481	3.1 mPas
Pour Point	ASTM D 5950	-39°C
Flash Point	ASTM D 92	225°C
Evaporation Loss (Noack)	ASTM 5800B	10.50%
Total Base Number (TBN)	DIN ISO 3771	7.8 mg KOH/g
Sulfate Ash	DIN 51575	0.78%

Storage, Handling and Environmental Safety:

- **Storage:** Store under cover, ideally below 60°C, and avoid direct sunlight, freezing, or extreme temperatures. If outdoor storage is unavoidable, drums should be laid horizontally to prevent water ingress and label damage.
- **Environmental Safety:** Dispose of used oil responsibly, following local regulations, and avoid contamination of soil, drains, or water sources.

For additional information on safe handling, refer to the Safety Data Sheet (SDS), available upon request.

