

STÄRK Semi Synthetic Gasoline Engine Oil SAE 10W30 SL/CF

Product Description

STÄRK 10W-30 SL/CF is a premium semi-synthetic motor oil formulated with advanced additive technology and high-quality base oils. It delivers exceptional protection against engine wear, reduces sludge buildup, and ensures outstanding thermal stability. Designed to meet the demands of modern and old gasoline and diesel engines, it offers reliable lubrication under extreme operating conditions while maintaining engine cleanliness and efficiency.

Performance Benefits

- **Exceptional Engine Cleanliness:** Prevents sludge and deposit formation, ensuring longer engine life.
- **Enhanced Wear Protection:** Provides a robust oil film to protect critical engine components.
- **Thermal Stability:** Resists viscosity breakdown under high-temperature conditions.
- **Fuel Efficiency:** Reduces internal friction, improving fuel economy.
- **Cold-Start Performance:** Ensures immediate lubrication during low-temperature starts.
- **Wide Application:** Suitable for turbocharged and naturally aspirated engines in passenger cars, light trucks, and vans.
- **Extended Oil Drain Intervals:** Maintains performance over extended oil change intervals.

Typical Properties

Property	Test Method	Value
Viscosity Grade	SAE J300	10W-30
Density @ 15°C	DIN 51757	0.8632 g/cm ³
Kinematic Viscosity @ 40°C	ASTM D7042-04	73.15 mm ² /s
Kinematic Viscosity @ 100°C	ASTM D7042-04	11.23 mm ² /s
Viscosity, MRV @ -35°C	ASTM D4684	23,600 mPas
Viscosity, CCS @ -25°C	ASTM D5293	6220 mPas
Viscosity Index	DIN ISO 2909	145
High Temp High Shear (HTHS)	ASTM D5481	3.2 mPas
Pour Point	DIN ISO 3016	-33°C
Flash Point	DIN ISO 2592	225 °C
Evaporation Loss (Noack)	ASTM 5800B	10.2%
Total Base Number (TBN)	DIN ISO 3771	7.50 mg KOH/g

Application

STÄRK 10W-30 SL/CF is suitable for use gasoline and diesel engines, including turbocharged engines. Recommended for passenger cars, light trucks, and vans operating under severe urban stop-and-go traffic or highway conditions.

Meets and Exceeds

- API SL/CF
- ACEA A3/B3
- MB 229.1

Health & Safety, Environment

- Prolonged skin contact may cause irritation; wash with soap and water after handling.
- Avoid discharge into water or soil. Dispose of used oil at authorized collection points.
- Refer to the product's Material Safety Data Sheet (MSDS) for further details.

Storage and Handling

- Store under cover to avoid contamination.
- Do not store above 60°C or in freezing conditions.
- Keep packaging sealed when not in use to prevent water ingress and label damage.

