

STÄRK Fully Synthetic Gasoline Engine Oil SAE 5W30 SN/CF A5/B5

Product Description

STÄRK 5W-30 SN ACEA A5/B5 is a fully synthetic, Full-SAPS engine oil developed for high-efficiency, modern gasoline and diesel engines. Designed with low-friction base oils and premium additive technology, it delivers enhanced fuel economy, engine protection, and long-drain stability in light-duty vehicles.

Meets and Exceeds

Meets

- API: SN / CF
- ILSAC: GF-5
- ACEA: A5/B5

OEM Approvals:

- MB 229.1, 229.3, 229.5
- VW 502.00 / 505.00
- BMW Longlife-01
- Renault RN0700, RN0710
- Peugeot/Citroën B71 2290
- GM 6094M, GM dexos1™ Gen 2
- Ford WSS-M2C946-A, WSS-M2C913-C
- Fiat 9.55535-S1, 9.55535-G1
- Chrysler MS-6395
- Honda HTO-06
- Opel GM-LL-A-025
- JLR STJLR.03.5003

Application

Modern gasoline and diesel engines requiring:

- API SN / CF
- ACEA A5/B5 or A1/B1
- ILSAC GF-5
- Compatible with specifications from Ford (WSS-M2C913-C/D), Jaguar Land Rover (STJLR.03.5003), and others.

Not intended for use in diesel engines with DPFs or high-load heavy-duty diesel applications.

Performance Benefits

- **Full-SAPS Formulation:** Maintains cleaner emissions and engine components
- **Ester-Based Technology:** High-temperature wear protection and engine durability
- **Optimized HTHS:** Supports improved fuel economy with balanced protection
- **Excellent Oxidation Control:** Extends oil life and minimizes deposits
- **Cold Start Protection:** Rapid flow reduces startup wear
- **Low Friction Formula:** Smoother engine operation and lower fuel consumption

Typical Properties

Property	Test Method	Value
Viscosity Grade	SAE J300	5W-30
Density @ 15°C	DIN 51757	0.8452 g/cm ³
KV @ 40°C	ASTM D7042	66.96 mm ² /s
KV @ 100°C	ASTM D7042	11.72 mm ² /s
CCS @ -30°C	ASTM D5293	5588 mPa·s
MRV @ -35°C	ASTM D4684	19,800 mPa·s
Viscosity Index	ISO 2909	172
HTHS @ 150°C	ASTM D5481	3.2 - 3.5 mPa·s
Flash Point (COC)	ISO 2592	225°C
Pour Point	ISO 3016	-42°C
Noack Volatility	ASTM D5800	8.7%
TBN	ISO 3771	10.12 mg KOH/g



User Advice

- **Mixing with Other Oils:** Avoid mixing with oils of different base types or specifications.
- **Service Interval:** Follow the vehicle manufacturer's oil change interval based on engine load and usage.

For more details, refer to the Safety Data Sheet (SDS) and consult your technical advisor.

Drain Interval

Up to 12,000 km or 1 driving year (whichever comes first), or as per manufacturer recommendation.

Storage and Handling

- Store in dry, shaded conditions between 5°C and 40°C.
- Avoid water contamination and excessive heat or freezing.
- Use clean containers and equipment.

