

STÄRK Semi Synthetic Gasoline Engine Oil SAE 15W40 SM/CF

Product Description

STÄRK 15W-40 SM/CF is a premium Semi synthetic engine oil formulated with high-quality base stocks and advanced performance additives. Designed to deliver outstanding engine protection and performance under various driving conditions, this oil provides superior oxidation resistance, deposit protection, wear protection, and improved cold-start performance throughout its service life.

Performance Benefits

- **Superior Oxidation Resistance:** Minimizes oil thickening and maintains stability under high temperatures.
- **High Deposit Protection:** Reduces sludge and varnish formation for a cleaner engine.
- **Enhanced Wear Protection:** Protects vital engine components and prolongs engine life.
- **Excellent Cold Start:** Low-temperature flow ensures easy startup and quick lubrication.
- **Thermal Stability:** Resilient to high thermal loads due to high-quality base oils.
- **Standard Drain Interval:** Suitable for standard oil change intervals as per manufacturer's guidelines.

Typical Properties

Property	Test Method	Value
Viscosity Grade	SAE J300	15W-40
Density @ 15°C	ASTM D 4052	0.8658 g/cm ³
Kinematic Viscosity @ 40°C	ASTM D445	103.5 mm ² /s
Kinematic Viscosity @ 100°C	ASTM D445	14.21 mm ² /s
Apparent Viscosity by MRV @ -25°C	ASTM D4684	24,850 mPaS
Apparent Viscosity by CCS @ -20°C	ASTM D5293	6300 mPas
Viscosity Index	DIN ISO 2909	140
High Temp High Shear (HTHS)	ASTM D5481	3.9 mPas
Pour Point	ASTM D 5096	-30°C
Flash Point	ASTM D 92	225°C
Evaporation Loss (Noack)	ASTM 5800B	8.50%
Total Base Number (TBN)	DIN ISO 3771	7.8 mg KOH/g
Sulfate Ash	DIN 51575	0.78%

Application

STARK 15W-40 SM is recommended for:

- Naturally aspirated and turbocharged gasoline engines
- Passenger cars and light commercial vehicles
- Four-stroke gasoline engines
- Portable power equipment

Meets and Exceeds

Meets

- API: SM/CF
- ACEA A3/B3

Approvals

- VW: 501.01 / 505.00
- Renault: RN 700, RN 710
- MB 229.3



Health & Safety, Environment

- **Health & Safety:** Avoid prolonged and repeated skin contact with used oil. Wash thoroughly after handling. Refer to the Safety Data Sheet (SDS) available on our website for more details.
- **Environmental Protection:** Dispose of used oil responsibly. Do not discharge into drains, soil, or water. Take to an authorized used oil collection point.

Storage and Handling

Store under cover in a cool, dry place. If stored outdoors, keep drums positioned horizontally to prevent water ingress. Do not store above 60°C or expose to direct sunlight or freezing conditions.

