

STÄRK Semi Synthetic Gasoline Engine Oil SAE 5W20 SL/CF

Product Description

STÄRK 5W-20 SL/CF is a premium, Semi synthetic low-friction motor oil engineered for all-year use. Developed to meet the high demands of Jaguar and Land Rover engines, this oil combines advanced synthetic base stocks with state-of-the-art additive technology. It delivers exceptional wear protection, fuel efficiency, engine cleanliness, and fast lubrication under diverse operating conditions, ensuring optimal engine performance and extended life.

Performance Benefits

- **Advanced Wear Protection:** Reduces engine wear, ensuring long-term durability.
- **Outstanding Engine Cleanliness:** Prevents sludge and deposit buildup, keeping the engine clean.
- **High and Low-Temperature Performance:** Delivers excellent lubrication in extreme cold and high-heat conditions.
- **Fuel Economy Benefits:** Reduces oil consumption and emissions, enhancing engine efficiency.
- **Turbocharger & Catalytic Converter Tested:** Reliable performance in modern and high-performance engines.
- **Ageing Resistance:** Provides long-term stability, ensuring effective lubrication over extended intervals.
- **High Lubrication Reliability:** Ensures smooth engine operation even under demanding loads.
- **Shear Stability:** Maintains consistent performance under heavy-duty conditions.
- **Environmentally Friendly:** Reduces pollutant emissions and conserves fuel.

Health & Safety, Environment

- Avoid prolonged or repeated contact with used oil. Wash skin thoroughly with soap and water.
- Do not discharge used oil into drains, soil, or water. Dispose of used oil at authorized collection points.
- Refer to the Safety Data Sheet (SDS) for more detailed handling and disposal guidelines.

Application

- Specially tailored for high-performance Jaguar and Land Rover vehicles.
- Suitable for turbocharged and naturally aspirated engines in passenger cars and light-duty vehicles.
- Ideal for long oil change intervals and high engine loads.

Meets and Exceeds

Meets

- API: SL/CF
- ACEA: A1, B1, A5/B5
- ILSAC: GF-3

Approvals

- Ford WSS-M2C 925-A, 925-B
- Jaguar/Land Rover STJLR.03.5004

Storage and Handling

- Store under cover to protect against moisture and contamination.
- Avoid exposure to direct sunlight, freezing temperatures, and extreme heat (storage temperatures should not exceed 60°C).
- Containers should be kept tightly closed when not in use.



Typical Properties

Property	Test Method	Value
Viscosity Grade	SAE J300	5W-20
Density @ 15°C	DIN 51757	0.8545 g/cm ³
Kinematic Viscosity @ 40°C	ASTM D7042-04	49.45 mm ² /s
Kinematic Viscosity @ 100°C	ASTM D7042-04	8.659 mm ² /s
Apparent Viscosity by MRV @ -35°C	ASTM D4684	25,600 mPaS
Apparent Viscosity by CCS @ -30°C	ASTM D5293	6100 mPas
Viscosity Index	DIN ISO 2909	154
High Temp High Shear (HTHS)	ASTM D5481	2.8 mPas
Pour Point	DIN ISO 3016	-36 °C
Flash Point	DIN ISO 2592	222°C
Evaporation Loss (Noack)	ASTM 5800B	10.5 %
Total Base Number (TBN)	DIN ISO 3771	7.5 mg KOH/g

