

KRÄFT Fully Synthetic Engine Oil SAE 5W20 SQ-ILSAC GF-7A

Product Description

KRÄFT SAE 5W-20 API SQ is an advanced, fully synthetic engine oil designed to deliver superior engine performance and protection. It surpasses API SP standards, offering enhanced Low-Speed Pre-Ignition (LSPI) protection, improved fuel economy, exceptional catalyst compatibility, and reduced piston deposits. Formulated with high-quality synthetic base oils and state-of-the-art additive technology, this oil is ideal for modern gasoline engines, including hybrid vehicles, ensuring unmatched performance and engine cleanliness.

Performance Benefits

- **Enhanced LSPI Protection:** Advanced formulation minimizes LSPI risk in turbocharged engines.
- **Superior Fuel Economy:** Low-friction technology reduces fuel consumption and CO₂ emissions.
- **Catalyst Compatibility:** Optimized for emission control systems like DPF, GPF, and TWC.
- **Engine Cleanliness:** Exceptional control over soot and deposits ensures cleaner engine operation.
- **Cold Start Performance:** Excellent low-temperature fluidity for quick and effective lubrication.
- **Extended Engine Life:** High thermal stability and oxidation resistance protect critical engine components.
- **Meets Hybrid Engine Needs:** Compatible with hybrid and gasoline engines from US, Asian, and European manufacturers.

Performance Highlights

- **Prolonged Engine Life:** Advanced wear and friction reduction ensure longevity.
- **Cleaner Emissions:** Compatible with modern emissions control systems, reducing pollutant output.
- **All-Weather Reliability:** Maintains performance in extreme temperatures.
- **Reduced Maintenance Costs:** Extended oil service intervals and minimized engine deposits.

Application

KRÄFT SAE 5W-20 API SQ is suitable for gasoline-fueled passenger cars and light trucks, particularly for vehicles requiring API SQ, API SQ/RC, ILSAC GF-7A, or equivalent specifications. It is especially effective in modern downsized, turbocharged, and hybrid engines.

Meets and Exceeds

API: API SQ (exceeds SP/RC standards)

ILSAC: GF-7A

OEM Approvals:

- Chrysler MS-6395
- Ford WSS-M2C945-A
- GM dexos1™ Gen 3

Storage & Handling

- **Storage:** Store in a cool, dry environment, below 60°C, away from direct sunlight or freezing conditions.
- **Environmental Care:** Recycle used oil responsibly at certified collection centers.



Typical Properties

Property	Test Method	Value
Appearance	visual	Bright and clear
Density @ 15°C g/cm ³	ASTM D4052	0.850 g/cm ³
Viscosity @ 40°C	ASTM D445	47.0 mm ² /s
Viscosity @ 100°C	ASTM D445	8.5 mm ² /s
Viscosity Index	ASTM D2270	160
Pour Point	ASTM D5950	-42°C
Flash Point	ASTM D92	225°C
TBN , mg KOH/g	ASTM D2896	8.5
Noack volatility , evaporation loss , 1hr @250°C , %	ASTM D 5800	10.2
Apparent viscosity by MRV @-40 °C , Cp	ASTM D 4684	20.300
Apparent viscosity by CCS @-30 °C , Cp	ASTM D5293	6000
Sulfated Ash (SASH)	ASTM D874	≤0.9%

