

KRÄFT Fully Synthetic Engine Oil SAE 0W30 SQ-ILSAC GF-7A

Product Description

KRÄFT SAE 0W-30 API SQ is an advanced, fully synthetic motor oil engineered to deliver superior performance in gasoline and light-duty diesel engines. Designed to surpass API SP standards, it provides exceptional protection against low-speed pre-ignition (LSPI), enhances fuel economy, ensures compatibility with aftertreatment systems, and offers superior cleanliness for modern engines. This oil is formulated with high-quality synthetic base oils and cutting-edge additive technology to meet the demands of downsized, turbocharged, and direct-injection engines operating in diverse conditions.

Application

- Recommended for gasoline and light-duty diesel engines requiring SAE 0W-30 viscosity and API SQ or lower specifications.
- Suitable for vehicles equipped with DPF, GPF, and other advanced after treatment systems.
- Ideal for modern turbocharged engines, including those with direct injection technology.

Typical Properties

Property	Test Method	Value
Appearance	visual	Bright and clear
Density @ 15°C g/cm ³	ASTM D4052	0.8361 g/cm ³
Viscosity @ 40°C	ASTM D445	60.82 mm ² /s
Viscosity @ 100°C	ASTM D445	11.12 mm ² /s
Viscosity Index	ASTM D2270	178
Pour Point	ASTM D5950	-51°C
Flash Point	ASTM D92	226°C
TBN , mg KOH/g	ASTM D2896	7.32
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 @-35 °C , Cp	ASTM D5293	5340
HTHS Viscosity @ 150°C	ASTM D4741	2.74 mPa.s

Performance Benefits

- **Enhanced LSPI Protection:** Reduces the risk of catastrophic engine damage caused by low-speed pre-ignition in modern turbocharged engines.
- **Improved Fuel Economy:** Optimized friction reduction for maximum fuel efficiency and lower CO₂ emissions.
- **Catalyst Compatibility:** Mid-SAPS formulation (Sulfated Ash, Phosphorus, Sulfur ≤0.9%) protects aftertreatment systems, including GPFs, DPFs, and TWC.
- **Outstanding Engine Cleanliness:** Effectively prevents piston deposits and sludge formation, ensuring peak engine performance and longevity.
- **Cold Start Excellence:** Superior low-temperature properties ensure quick oil flow and immediate protection during cold starts.
- **Exceeds API SP Standards:** Provides advanced wear protection, oxidation stability, and performance reliability under extreme operating conditions.

Meets and Exceeds

Meets :

- API : SQ Resource Conserving, API : SQ , API SP Resource Conserving, ILSAC GF-7A

OEM Approvals :

- GM dexos1:GEN3, BMW LONGLIFE-12FE, Ford WSS M2C950-A



Performance Highlights

- Outperforms API SQ standards in fuel economy, LSPI prevention, and wear protection.
- Ensures exceptional durability and performance in extreme operating conditions.
- Approved for extended drain intervals with minimal oil consumption.

Storage & Handling

- Storage: Store in a cool, dry place below 60°C and away from direct sunlight. Avoid exposure to freezing temperatures.
- Environmental Care: Dispose of used oil responsibly at a certified collection center.

