

KRÄFT Fully Synthetic Engine Oil SAE 0W8 SQ-ILSAC GF-7B

Product Description

KRÄFT SAE 0W-8 API SQ is an advanced full-synthetic engine oil developed for next-generation fuel-efficient vehicles including Hybrid Electric Vehicles (HEVs) and Plug-in Hybrid Electric Vehicles (PHEVs). Formulated with a bi-synthetic base (PAO + Esters) and high-performance additives, it meets the latest industry standards such as API SQ, ILSAC GF-7B, and JASO GLV-2.

This ultra-low-viscosity oil offers:

- Excellent low-speed pre-ignition (LSPI) protection
- Superior fuel economy through minimized friction
- Extended catalyst life and cleaner engine operation
- Exceptional cold start performance even in extreme conditions
- Consistent thermal and oxidation stability for extended drain intervals

Recommended for:

- Honda, Toyota, Nissan, Lexus, Mazda, Subaru, Mitsubishi, and other OEMs
- Engines requiring 0W-8 or 0W-16 where backward compatibility is allowed
- Stop-start urban driving conditions where high-performance and low viscosity are essential

Typical Properties

Property	Test Method	Value
Appearance	Visual	Bright and clear
Density @ 15°C (g/cm ³)	ASTM D4052	0.835
Viscosity @ 40°C (mm ² /s)	ASTM D445	33 - 36
Viscosity @ 100°C (mm ² /s)	ASTM D445	5.9 - 6.5
Viscosity Index	ASTM D2270	≥170
HTHS @ 150°C (mPa·s)	ASTM D4683 or D4741	1.7 - 1.9
Pour Point (°C)	ASTM D5950	-50°C
Flash Point (°C)	ASTM D92	≥220°C
Noack Volatility (%)	ASTM D5800	≤12.0
CCS @ -35°C (cP)	ASTM D5293	≤6000
MRV @ -40°C (cP)	ASTM D4684	≤18,000
TBN (mg KOH/g)	ASTM D2896	6.0 - 7.5

Application

Recommended for **API SQ / API SP-RC / ILSAC GF-7B** where **SAE 0W-8** is specified
Ideal for:

- Hybrid engines (HEV, PHEV)
- Turbocharged Gasoline Direct Injection (TGDI)
- High-efficiency, low-emission engines

Compatible with major OEMs including:

- Honda, Toyota, Lexus, Nissan, Mazda, Subaru, Mitsubishi

Meets and Exceeds

- API SQ
- API SP / SP Resource Conserving
- ILSAC GF-7B
- JASO GLV-2
- Backward compatible with API SP, GF-6B, and GF-5 (when allowed by OEM)



Performance Highlights

- **Outperforms API SQ and GF-7B in:**
 - **Fuel economy**
 - **Wear protection**
 - **LSPI prevention**
 - **Emission system compatibility**
- **Ideal for long-drain intervals in low-viscosity, high-efficiency engines**
- **Excellent thermal and oxidative stability even in extreme conditions**
- **Optimized to reduce carbon footprint and support eco-driving**

Storage & Handling

- Store below 45°C in original, sealed containers
- Protect from moisture, dust, and direct sunlight
- Do not mix with other engine oils unless recommended
- Refer to SDS for full safety and handling information

