



**Product Name:** GÄNZ SAE 5W-30 API SQ

**Viscosity Grade:** SAE 5W-30

**Quality Level:** Advanced Full - Synthetic

**API Service:** API SQ-RC (Resource Conserving)

**Recommended for:** Latest Modern Asian and American gasoline engines with multi-valve technology and turbo charging with and without charge air cooling which Require ILSAC GF-7A , API SQ .

**OEM Approvals:** API SQ, API SQ Resource Conserving, API SP RESOURCE CONSERVING, API SP, ILSAC GF-7A, DEXOS1 Gen 3, CHRYSLER MS 6395, FORD WSS-M2C946-B1, FORD WSS-M2C961-A1

**Drain Interval:** Up to 20 ,000 Km

## Product Description:

GÄNZ SAE 5W-30 API SQ is an advanced, fully synthetic engine oil formulated for optimal engine performance and protection. Designed to exceed the stringent requirements of modern gasoline engines, this oil offers superior LSPI protection, enhanced fuel economy, and extended engine cleanliness. Its low sulfated ash formulation ensures compatibility with catalytic converters, making it environmentally friendly while delivering robust performance.

## Product Features and Benefits:

- 1. Enhanced LSPI Protection:**
  - Mitigates Low-Speed Pre-Ignition in turbocharged gasoline direct-injection (TGDI) engines, safeguarding engine reliability.
- 2. Improved Fuel Economy:**
  - Reduces fuel consumption and CO<sub>2</sub> emissions through a low-viscosity, energy-efficient formulation.
- 3. Catalyst Compatibility:**
  - Low Sulfated Ash Content ( $\leq 0.9\%$ ) protects catalytic converters, enhancing their lifespan and reducing emissions.
- 4. Superior Engine Cleanliness:**
  - Prevents high-temperature deposit formation, ensuring optimal engine cleanliness and efficiency.
- 5. Exceptional Wear Protection:**
  - Formulated with advanced anti-wear additives for longer engine life and reduced wear on key components.
- 6. Cold Start Efficiency:**
  - Excellent fluidity at low temperatures provides instant lubrication, reducing engine wear during cold starts.
- 7. High Oxidation Resistance:**
  - Ensures stability and performance under high-temperature and severe operating conditions.
- 8. Extended Drain Intervals:**
  - Offers durability and performance over longer oil change intervals.





## 9. Wide Compatibility:

- Suitable for a broad range of gasoline engines, including those from Toyota, Lexus, Nissan, Honda, Hyundai, Kia, and more.

## 10. Environmentally Conscious:

- Optimized for lower emissions and improved fuel economy.

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## Meets and Approvals:

### Meets :

- API SQ (Exceeds API SP requirements)
- ILSAC GF-7A

### Approvals :

- GM dexos1 Gen 3
- CHRYSLER MS 6395
- FORD WSS-M2C946-B1
- FORD WSS-M2C961-A1

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## Typical Technical Properties:

Property	Method	Value
Appearance	visual	Bright and clear
Density @ 15°C g/cm <sup>3</sup>	ASTM D4052	0.857 g/cm <sup>3</sup>
Viscosity @ 40°C	ASTM D445	68.23 mm <sup>2</sup> /s
Viscosity @ 100°C	ASTM D445	11.85 mm <sup>2</sup> /s
Viscosity Index	ASTM D2270	171
Pour Point	ASTM D5950	-42°C
Flash Point	ASTM D92	223°C
TBN , mg KOH/g	ASTM D2896	7.32
Noack volatility , evaporation loss , 1hr @250°C , %	ASTM D 5800	8.8
Apparent viscosity by MRV @-35 °C , Cp	ASTM D 4684	20600
Apparent viscosity by CCS @-30 °C , Cp	ASTM D5293	5672
HTHS Viscosity @ 150°C	ASTM D4741	3.2 mPa.s
Sulfated Ash	ASTM D874	0.7% wt

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## Application Guidelines:

- Recommended for modern gasoline engines, especially turbocharged and TGDI engines.
- Suitable for all-season use in passenger cars, SUVs, and light-duty vehicles.





- Use in accordance with vehicle manufacturer specifications for maximum effectiveness.
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## **Storage and Handling:**

- Store in a cool, dry place away from direct sunlight.
- Keep containers tightly closed to prevent contamination.

