



Product Name: GÄNZ SAE 0W-20 API SQ

Viscosity Grade: SAE 0W-20

Quality Level: Advanced Full - Synthetic

API Service: API SQ-RC (Resource Conserving)

Recommended for: Gasoline engines of passenger cars, and SUVs with hybrid and traditional power trains which require latest ILSAC GF-7 A and API SQ standard

OEM Approvals: : API SQ, API SQ Resource Conserving, API SP, API SP Resource Conserving , ILSAC GF-7B, JASO GLV-2, DEXOS1 Gen3 , Chrysler MS6395 , FORD WSS-M2C947-A

Drain Interval: Up to 20 ,000 Km

Product Description

GÄNZ SAE 0W-20 API SQ is an advanced fully synthetic motor oil developed for modern gasoline engines, delivering superior LSPI protection, exceptional fuel economy, and optimized compatibility with catalytic converters. Designed to surpass API SP standards, it offers enhanced performance, engine cleanliness, and wear protection for hybrid and traditional power trains, especially turbocharged direct-injection engines.

Technical Characteristics :

Property	Method	Value
Appearance	visual	Bright and clear
Density @ 15°C g/cm ³	ASTM D4052	0.8356 g/cm ³
Viscosity @ 40°C	ASTM D445	68.40 mm ² /s
Viscosity @ 100°C	ASTM D445	8.835 mm ² /s
Viscosity Index	ASTM D2270	175
Pour Point	ASTM D5950	-48°C
Flash Point	ASTM D92	226°C
TBN , mg KOH/g	ASTM D2896	7.35
Noack volatility , evaporation loss , 1hr @250°C , %	ASTM D 5800	11.1
Apparent viscosity by MRV @-40 °C , Cp	ASTM D 4684	19650
HTHS Viscosity @ 150°C	ASTM D4741	3.1 mPa.s
Sulfated Ash	ASTM D874	0.72% wt

Key Benefits

1. **Enhanced LSPI Protection**
 - Designed for turbocharged gasoline direct-injection (T-GDI) engines to minimize LSPI risks.
2. **Superior Fuel Economy**
 - Ultra-low viscosity reduces internal engine friction, leading to significant fuel savings and lower CO₂ emissions.
3. **Catalyst Compatibility**
 - Low sulfated ash content (≤0.9%) ensures extended catalyst life and reduced emissions.





4. **Reduced Piston Deposits**

- Advanced detergent additives ensure engine cleanliness and superior deposit control.

5. **High Wear Protection**

- Robust anti-wear package provides durable protection for timing chains and engine components.

6. **Oxidation Resistance**

- High thermal stability ensures superior performance even under extreme operating conditions.

Applications

- Suitable for hybrid and conventional gasoline engines requiring API SQ or ILSAC GF-7A standards.
- Recommended for Asian and American vehicles, including those from Toyota, Honda, Subaru, Mazda, and more.
- Ideal for vehicles equipped with turbochargers and catalytic converters.

Approvals and Meets :

Meets :

- **API:** SQ
- **ILSAC:** GF-6A
- **JASO** GLV-2

OEM Approvals :

- **DEXOS1** Gen3
- **Chrysler** MS6395
- **FORD** WSS-M2C947-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:

- Store in a cool, dry place away from direct sunlight.

Refer to the Material Safety Data Sheet (MSDS) for safety and handling guidelines.

