



**Product Name:** GÄNZ SAE 0W-30 API SQ

**Viscosity Grade:** SAE 0W-30

**Quality Level:** Advanced Full - Synthetic

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

**Recommended for:** Modern gasoline and light duty diesel engines that are fully equipped with Gasoline Particulate Filters (GPF), Diesel Particulate Filters (DPF) and Three-Way Catalyst (TCW) after treatment devices .

**OEM Approvals:** : API : SQ Resource Conserving, API : SQ , API SP Resource Conserving, ILSAC GF-7A, GM dexos1:GEN3 , BMW LONGLIFE-12FE , Ford WSS M2C950-A

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

## Product Description

GÄNZ 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.

## Key Features and 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 CO<sub>2</sub> emissions.
- Catalyst Compatibility:**
  - Mid-SAPS formulation (Sulfated Ash, Phosphorus, Sulfur  $\leq 0.9\%$ ) 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.



## Applications

- 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.

## Meets and Approvals :

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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

## Typical properties :

Property	Method	Value
Appearance	visual	Bright and clear
Density @ 15°C g/cm <sup>3</sup>	ASTM D4052	0.8361 g/cm <sup>3</sup>
Viscosity @ 40°C	ASTM D445	60.82 mm <sup>2</sup> /s
Viscosity @ 100°C	ASTM D445	11.12 mm <sup>2</sup> /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

## Storage and 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.*

