



STANLEY SAE 0W-12 API SQ

STANLEY SAE 0W-12 API SQ is an advanced, ultra-low viscosity, fully synthetic engine oil designed to provide exceptional performance, fuel efficiency, and engine protection under all operating conditions. For the engine and wet clutch systems, this product offers unsurpassed protection, fuel efficiency, and smooth operation. Additionally, API SQ reduces the unburned metallic residue that usually results from engine oil additives by requiring a maximum sulfated ash level limit of 0.9% to suppress the potential to block gasoline particulate filters (GPFs), which are essential for controlling emissions. The oil's exceptional resilience to temperature changes and engine's longer lifespan with the help of highly refined base stocks and cutting-edge additive technologies.

TECHNICAL SPECIFICATION

Sr. No	Physical & Chemical Properties	ASTM	UNIT	SAE 0W-12 API SQ
1	Appearance	Visual	N.A	Bright & Clear
2	Density @ 15 °C	D 4052	g/cm ³	0.8443
3	Kinematic Viscosity @40 °C	D 445	Cst	26.65
4	Kinematic Viscosity @100 °C	D 445	Cst	5.5
5	Viscosity Index	D 2270	N.A	150
6	Flash Point	D 92	°C	220
7	Pour Point	D 97	°C	-42
8	Total Base Number	D 2896	mgKOH/gm	7.5
9	Low Temperature Cranking Viscosity @-35°C	D 5293	Cp	6100

APPLICATION BENEFITS:

- Excellent fluidity at low temperatures for protection against cold starts.
- Safeguards exhaust after-treatment equipment, including particulate filters and exhaust gas after treatment systems.
- Meet requirements for Dexos1 Gen3, and other modern European engines Particulate filter protection.
- Provides better fuel economy.
- Low-SAPS oil compatible with after treatment systems

Handling health & Safety:

Lubricants consisting of highly refined base oils with specification additives. In normal conditions of use, this lubricant presents no particular toxic hazard. All lubricants, of any kind should be handled with great care, particularly avoiding can contact with the skin.

Prevent any splashing, and keep away from combustible materials. Store under cover and away from any risk of pollution. Dispose of the used oil correctly; don't pour down drains, into watercourses or the soil.



PERFORMANCE SPECIFICATION:

API SQ JASO GLV-1, dexos1 Gen 3, Chrysler MS6395, CNG and hybrid vehicles

APPLICATION:

STANLEY SAE 0W-12 API SQ offers protection for advanced emission control systems such as Gasoline Particulate Filters (GPFs), Diesel Particulate Filters (DPFs), and Three-Way Catalytic Converters (TWCs).

Meeting API SQ specifications, it is suitable for vehicles complying with EURO 4, EURO 5, and EURO 6 emission norms with a maximum sulphated ash content of 0.5%