



Technical Bulletin

Sunoco SS 100

Sunoco SS 100 is an unleaded 100 octane gasoline that is street-legal in California, Arizona, Oregon and Washington. It is an excellent choice for those looking for more octane protection than premium 91 to 93 pump gas can provide. SS 100 is a good choice for increased boost levels in supercharged or turbocharged applications. It can also be used in applications such as motorcycles, ATVs, go-karts, and other smaller engine vehicles.

Sunoco SS 100 will not harm catalytic converters or oxygen sensors. It does not contain metallic compounds. SS 100 contains a comprehensive additive package to minimize engine and fuel system deposits. It is compatible with two-stroke synthetic and mineral-based engine oils. As with any gasoline, it should be stored in opaque, tightly sealed containers and kept where temperatures are stable. Properly stored, the shelf life of SS is in excess of 1 year.

Typical Properties

Color	Clear – Not Dyed
Octane Number (R+M)/2	100
RON	105
MON	95
Specific Gravity	0.715
Density (lbs/gal)	6.0
Reid Vapor Pressure (psi)	6.8
Distillation (deg F)	
Initial Boiling Point	100
10% Evaporated	140
50% Evaporated	208
90% Evaporated	211
Final Boiling Point	220
Ethanol (volume %)	9.5
Oxygen (weight %)	3.6