



Gulf Formula S

Fully Synthetic Motor Oil

Product Description

Gulf Formula S series are fully synthetic passenger car motor oil specially developed for the most modern high output gasoline engines in passenger cars, sport utility vehicles, vans, and light-duty trucks. It is blended with fully synthetic base stocks and carefully selected additives to provide excellent protection against wear, deposits & sludge build-up and help protect engines even under extreme conditions. It also protects vehicle emission system & turbocharger components and has compatibility with ethanol containing fuels up to E85.

Features & Benefits

- State of the art additive technology coupled with fully synthetic base fluids makes these oils very robust in terms of providing improved sludge protection, piston cleanliness, turbo-charger protection, seal compatibility, wear protection and compatibility with ethanol-containing fuels up to E85.
- Offers excellent lubrication at extremely low temperatures and protects engine at high temperatures.
- Superior low volatility characteristics reduce oil consumption and hydro-carbon pollution.
- Advanced additive chemistry helps in emission system durability.
- These grades are compatible with conventional passenger car motor oils.

Applications

- North American, European & Japanese high output gasoline engines in passenger cars, sport utility vehicles, vans, and light-duty trucks where API SN and earlier API categories are specified.
- Recommended for vehicles requiring high performance synthetic lubricants.
- Vehicles running on ethanol-containing fuels up to E85 requiring such quality oils

Specifications, Approvals & Typical Properties

Has the Following Approval		0W-30	5W-30
API SN		X	X
Typical Properties			
Test Parameters	ASTM Method	Typical Values	
Viscosity @ 100 °C, cSt	D 445	10.7	10.5
Viscosity Index	D 2270	180	158
Flash Point, °C	D 92	220	222
Pour Point, °C	D 97	-42	-36
TBN, mg KOH/g	D 2896	7.6	8.3
Density @ 15°C, Kg/l	D 1298	0.8408	0.8561
CCS	D 5293	3340 at -35 °C	5770 at -30 °C
MRV	D 4684	12400 at -40 °C	12000 at -35 °C

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Properties mentioned above are typical only and minor variations, which do not affect the product performances, are to be expected in normal manufacturing. The above information is based on past history of the grade only and must not be construed as a guarantee of performance. Follow equipment manufacturer's recommendations for performance level and viscosity grade. The Material Safety Data Sheet for this product is available from your nearest Gulf Distributor.

Gulf Oil International

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