



## Gulf MAX Supreme Passenger Car Motor Oil

### Product Description

**Gulf MAX Supreme** is premium performance passenger car motor oil specially developed for the most modern high output gasoline powered vehicles to provide excellent protection against wear and deposits & sludge build-up. It is available in five different viscosity grades viz. SAE 5W-20, SAE 5W-30, SAE 10W-30, SAE 10W-40 & SAE 20W-50. While all these viscosity grades meet the API SM, recommended for the gasoline powered vehicles, SAE 5W-20, SAE 5W-30 & SAE 10W-30 are additionally fortified with special friction modifiers to exceed the performance and fuel economy requirements of ILSAC GF-4, the gasoline engine oil specification of the International Lubricant Standards and Approval Committee and also meets GM 6094M specifications.

### Features & Benefits

- High quality base oils and advanced additive technology provide excellent engine protection
- Exceptional thermo-oxidative stability minimises deposits & sludge build-up and controls oil thickening, thereby facilitating extended oil life
- Special rust inhibitors retard formation of rust in hydraulic valve lifters and other critical parts
- Advanced additive chemistry increases life and maintains efficiency of the catalytic converters
- Superior low volatility characteristics reduce oil consumption and hydro-carbon pollution
- Unique friction modifying agents in SAE 5W-20, SAE 5W-30 & SAE 10W-30 grades assist in fuel economy
- Superior low temperature fluidity ensures easy cold start and protects against wear at start-up

### Applications

- SAE 5W-20 is recommended for vehicles which require API SM type SAE 5W-20 oils such as 2001 and newer model year Ford automobiles, 1998 and newer model year Honda Accords, 1996 and newer Honda Civics, certain 2005 Chrysler vehicles and GM vehicles
- SAE 5W-30 and SAE 10W-30 grades are specially recommended for the latest North American, European & Japanese gasoline powered passenger cars
- SAE 10W-40 & SAE 20W-50 grades are recommended for gasoline powered car engines for high ambient temperature conditions & severe duty cycles including racing & rally driving applications

### Specifications, Approvals & Typical Properties

Meets the Following Specifications		5W-20	5W-30	10W-30	10W-40	20W-50
GM 6094M		X	X	X		
ILSAC GF-4		X	X	X		
Has the Following Approvals						
API SM		X	X	X	X	X
API SM (Energy Conserving)		X	X	X		
Typical Properties						
Test Parameters	ASTM Method	Typical Values				
Viscosity @ 100 °C, cSt	D 445	8.40	10.90	10.80	14.80	18.80
Viscosity Index	D 2270	151	161	143	154	128
Flash Point, °C	D 92	218	222	224	226	236
Pour Point, °C	D 97	-39	-39	-33	-33	-24
TBN, mg KOH/g	D 2896	6.80	6.80	6.80	7.40	7.40
Density @ 15°C, Kg/l	D 1298	0.853	0.855	0.859	0.859	0.889
Sulphated Ash, %wt	D 874	0.79	0.83	0.83	0.83	0.83

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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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