



## Gulf Formula FE Passenger Car Motor Oil

### Product Description

**Gulf Formula FE** is the most advanced fuel economy passenger car motor oil formulated from synthetic base stocks and state-of-the-art additive technology to provide outstanding protection against wear and deposits & sludge build-up. It is available in two different viscosity grades viz. SAE 0W-30 & SAE 5W-30. SAE 0W-30 grade is particularly developed for the latest VW and Audi vehicles with long life service (WIV) for flexible oil drain intervals. It has been exclusively designed to exceed the stringent requirements of Volkswagen standard VW 506 01 and is recommended for use in direct injection diesel engines with pump injectors. SAE 5W-30 grade is developed to exceed the service fill requirements of most recent models of Ford.

### Features & Benefits

- Outstanding thermo-oxidative stability decelerates oil degradation and thus facilitates extended oil change intervals
- Low HTHS (High Temperature High Shear) viscosity and special friction modifying agents facilitate fuel economy retention for extended service life
- Reduced deposits and sludge build-up in engine and turbocharger ensures rated power and torque
- Excellent antiwear technology leads to superior wear protection
- Exceptional Stay-in-Grade performance ensures reliable lubrication even at higher load and operating temperatures
- Outstanding low temperature fluidity aids quick cold start and provides wear protection at start-up

### Applications

- Recommended for passenger cars and light duty vehicles powered by gasoline and diesel engines specifically designed to be capable of using low friction low viscosity oils
- SAE 0W-30 is recommended for all the latest, turbocharged, multi valve, direct injection gasoline and diesel engines in modern passenger cars of VW and Audi including the direct injection diesel engines equipped with pump injectors requiring oils meeting VW 503 00, VW 506 00 & VW 506 01 standards
- SAE 5W-30 is recommended for the latest models of Ford vehicles requiring Ford M2C 913-A & 913-B quality oils

### Specifications, Approvals & Typical Properties

Specifications		0W-30	5W-30
VW 503 00, 506 00, 506 01		X	
Ford M2C 913-A			X
Ford M2C 913-B			X
Typical Properties			
Test Parameters	ASTM Method	Typical Values	
Viscosity @ 100 °C, cSt	D 445	9.60	10.80
Viscosity Index	D 2270	167	162
Flash Point, °C	D 92	222	220
Pour Point, °C	D 97	-39	-39
Density @ 15°C, Kg/l	D 1298	0.860	0.861

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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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