



Gulf Formula EFE

Catalyst Compatible Passenger Car Motor Oil

Product Description

Gulf Formula EFE is the most advanced high performance, low SAPS 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 specially designed for use as catalyst compatible oil in high performance gasoline and diesel engines requiring low friction, low viscosity, low SAPS oils with HTHS greater than 2.9 mPa.s in passenger cars and light vans fitted with Diesel Particulate Filter (DPF) and Three Way Catalyst (TWC). It is developed to exceed the service fill requirements of most recent models of Ford, Mazda and other OEMs requiring ACEA C1 type of oils.

Features & Benefits

- Unique additive chemistry increases the life of DPF & TWC and provides fuel economy benefits.
- Outstanding thermo-oxidative stability decelerates oil degradation and thus facilitates extended oil change intervals
- Active cleaning agents reduce deposits & sludge and keeps engine clean and increases its life.
- Excellent antiwear technology leads to superior wear protection
- Exceptional Stay-in-Grade performance ensures reliable lubrication even at higher loads
- Outstanding low temperature fluidity aids quick cold start and provides wear protection at start-up

Applications

- Latest generation high performance gasoline and diesel engines in modern passenger cars light vans fitted with DPF and TWC requiring catalyst compatible fuel economy oils meeting ACEA C1 specifications.
- These oils may be unsuitable for use in some engines requiring high viscosity grade oils or in markets where fuel sulphur content is high (consult owner manual/ handbook).

Specifications, Approvals & Typical Properties

Meets the following Specifications		5W-30
ACEA C1		X
Ford M2C 934-B		X
Typical Properties		
Test Parameters	ASTM Method	Typical Values
Viscosity @ 100 °C, cSt	D 445	10.1
Viscosity Index	D 2270	171
Flash Point, °C	D 92	212
Pour Point, °C	D 97	-33
Density @ 15°C, Kg/l	D 1298	0.840
Sulfated Ash, % wt	D 874	0.49
Sulfur, % wt	D 129 (ICP)	0.199
Phosphorus, % wt	D 4047 (ICP)	0.047

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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.

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