



# Gulf Formula EFE 5W-20

## Synthetic Passenger Car Motor Oil

### Product Description

**Gulf Formula EFE 5W-20** is a synthetic high performance, fuel economy passenger car motor oil specially developed for Ford EcoBoost® gasoline engines and for passenger cars requiring Jaguar Land Rover ST JLR.03.5004, ACEA C5 type of oils. It provides excellent protection against wear and deposits & sludge build-up. This low viscosity oil helps in easy start-up even at very low ambient temperatures and provides protection to engine components.

### Features & Benefits

- Specially developed synthetic formulation reduces friction between engine components and provides fuel economy benefits
- Outstanding low temperature fluidity aids quick cold start and provides wear protection at start-up
- 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

### Applications

- Recommended for Ford gasoline passenger cars requiring Ford WSS-M2C948-B engine oil
  - It is also fully backward compatible and recommended for all Ford gasoline engines that currently require the specifications Ford WSS-M2C913-B, Ford WSS-M2C913-C or Ford WSS-M2C925-B.
  - Recommended for Jaguar Land Rover vehicles requiring ST JLR.03.5004 type of engine oil
  - Passenger cars and vans requiring ACEA C5, SAE 5W-20 type of oils.
- Note: Not Suitable for Ford Ka, Focus ST and Focus RS. Registered trademark of Ford Motor Company.

### Specifications, Approvals & Typical Properties

Meets the following Specifications		5W-20
ACEA C5		X
Ford WSS-M2C948-B (Acknowledged by Ford Motor Co)		X
Jaguar Land Rover ST JLR.03.5004		X
Has the following Approvals		
API SN		X
Typical Properties		
Test Parameters	ASTM Method	Typical Values
Viscosity @ 100 °C, cSt	D 445	8.4
Viscosity Index	D 2270	160
Flash Point, °C	D 92	222
Pour Point, °C	D 97	-42
TBN, mg KOH/g	D 2896	8.3
Density @ 15°C, Kg/l	D 1298	0.85
Sulfated Ash, % wt	D 874	0.78
Phosphorus, % wt	D 4047/ICP	0.079

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Properties mentioned are typical only and minor variations, which do not affect product performance, are expected to arise in normal manufacturing processes. Please follow equipment manufacturer's recommendations for performance level and viscosity grade. The Safety Data Sheet for this product is available from your nearest Gulf Distributor. Please consult our local representative if any further information is required.

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