



# Gulf Formula LEF

## Synthetic Fuel Economy Passenger Car Motor Oil

### Product Description

**Gulf Formula LEF** is a supreme performance catalyst compatible passenger car motor oil which is capable of providing fuel economy benefit. It is formulated from finest quality synthetic base stocks and latest additive technology meeting mid SAPS (Sulphated Ash, Phosphorous & Sulphur) requirements. It has been specially developed for all modern turbocharged, high output gasoline passenger cars, SUVs, light duty vehicles and diesel versions fitted with Diesel Particulate Filter. It provides exceptional cleaning power, wear protection and minimizes deposits in engine & turbocharger leading to superior overall performance. It is targeted for vehicles requiring Ford WSS-M2C950-A, Jaguar Land Rover ST JLR.03.5007 and Fiat 9.55535.GS-1 and 9.55535.DS-1 quality oil.

### Features & Benefits

- Special additive technology offers fuel economy benefits
- Latest mid SAPS additive technology minimises poisoning of Three Way Catalyst (TWC) in gasoline engines, reduces deposit build-up in diesel particulate filters (DPF) in diesel engines to prolong life of after treatment devices
- Superior antiwear technology provides effective wear protection
- Active cleaning agents reduces piston deposits and sludge build-up facilitating extended engine life
- Very good low temperature property aids cold start and protects against wear at start-up

### Application

- Diesel engines of Ford requiring mid SAPS oils meeting Ford WSS-M2C950-A quality
- Gasoline and diesel engines of Fiat and Jaguar Land Rover vehicles requiring mid SAPS oils such as Fiat 9.55535.GS-1/ 9.55535.DS-1 or Jaguar Land Rover ST JLR.03.5007 specifications
- Modern passenger cars, SUVs, light vans & trucks meeting Euro 6, Euro 5 and Euro 4 norms powered by both gasoline and diesel engines requiring ACEA C2 SAE 0W-30 quality oils

**Note:** This oil may not be suitable for older vehicles and where SAE 0W-30 / ACEA C2 grade is not recommended. Please consult Gulf representative in case of doubt.

### Specifications, Approvals & Typical Properties

Meets the following Specifications		0W-30
ACEA C2		X
Ford WSS-M2C950-A (Acknowledged by Ford Motor Co)		X
Fiat specification 9.55535.GS-1 and 9.55535.DS-1		X
Has the following Approvals		
Jaguar Land Rover ST JLR.03.5007		X
Typical Properties		
Test Parameters	ASTM Method	Typical Values
Viscosity @ 100 °C, cSt	D 445	9.6
Viscosity Index	D 2270	206
Flash Point, °C	D 92	208
Pour Point, °C	D 97	-48
TBN, mg KOH/g	D 2896	7.5
Density @ 15°C, Kg/l	D 1298	0.857
Sulphated Ash, %wt	D 874	0.79
Phosphorus, %wt	D 4927	0.077

Jan 2025

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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