



# Gulf Formula VFE

## Synthetic Fuel Economy Passenger Car

### Motor Oil

#### Product Description

**Gulf Formula VFE 0W-20** is an ultra-high performance, fuel economy passenger car motor oil for the latest generation Volkswagen vehicles. It is formulated with synthetic base stocks and state-of-the-art additive technology to provide high fuel economy, long oil drain interval and outstanding protection against wear, deposits & sludge build-up. Its mid SAPS (Sulphated ash, Phosphorous & Sulphur) additive technology helps in prolonging the life and maintaining the efficiency of after exhaust treatment devices such as Diesel Particulate Filters (DPFs). It is recommended for use in Volkswagen vehicles requiring VW 508 00 / 509 00 quality oils.

#### Features & Benefits

- Special fuel saving properties offers improved fuel economy benefits together with outstanding performance and protection
- Latest mid SAPS additive technology reduces particulate build-up in DPFs, reduces poisoning and degradation of catalyst to prolong life
- Outstanding thermo-oxidative stability reduces deposits & sludge build-up and provides longer oil drain interval
- Excellent antiwear properties offers 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

- Recommended for Volkswagen passenger vehicles in EU, USA & China requiring VW 508 00/509 00 quality oils offering long life service
- Recommended for modern cars, SUVs and luxury vehicles requiring such lower viscosity oils
- High performance gasoline and diesel engines in passenger cars, SUVs and vans with exhaust treatment devices such as particulate filters, catalytic converters etc requiring ACEA C5 type oils

Note: These oils may be unsuitable for use in some previous generation engines requiring higher viscosity grade oils or in markets where fuel sulphur content is high. Please refer Owner's manual/ handbook or consult Gulf representative.

#### Specifications, Approvals & Typical Properties

Meets the following Specifications		0W-20
ACEA C5, API SN Plus, Porsche C20		X
Has the following Approvals		
Approved under VW Standard 508 00 and VW Standard 509 00		X
Typical Properties		
Test Parameters	ASTM Method	Typical Values
Viscosity @ 100 °C, cSt	D 445	8.3
Viscosity Index	D 2270	166
Flash Point, °C	D 92	230
Pour Point, °C	D 97	-54
Density @ 15°C, Kg/l	D 1298	0.8500
Sulfated Ash, % wt	D 874	0.8
Sulfur, % wt	D 129 / ICP	0.18
Phosphorus, % wt	D 4047 / ICP	0.08
HTHS Viscosity, cP	D 4683	2.7

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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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