



## Gulf Formula G Passenger Car Motor Oil

### Product Description

**Gulf Formula G** is a supreme performance passenger car motor oil formulated from finest quality synthetic base stocks and state-of-the-art additive technology. It has been specially developed for all modern turbocharged, high output gasoline and diesel engines of passenger cars, SUVs, light vans and trucks. It has been designed to deliver long service life and minimise deposits in engine and turbocharger to ensure rated engine power and torque. These oils are designed to exceed the latest industry specifications and the major car manufacturers' service fill requirements.

### Features & Benefits

- Outstanding thermo-oxidative stability reduces deposits & sludge build-up and facilitates extended oil & engine life
- Improved fuel economy and extended drain intervals reduce the cost of ownership
- Excellent low temperature fluidity aids quick cold start and provides wear protection at start-up
- Outstanding Stay-in-Grade performance ensures reliable lubrication even at higher load and operating temperatures
- Superior antiwear technology provides excellent wear protection under all conditions
- Active cleaning agents ensure maximum engine cleanliness

### Applications

- Recommended for all modern vehicles including high performance, turbo-charged, multi valve, direct injection gasoline and diesel engines of passenger cars
- The SAE 0W-30 viscosity grade is specially recommended for all Audi cars including TT (163 KW), S3 & RS4 models for long life service and improved fuel economy
- The SAE 5W-30 & SAE 5W-40 viscosity grades exceed the requirements of most modern European, North American and Japanese passenger cars including gasoline powered racing cars

### Specifications, Approvals & Typical Properties

Meets the following Specifications		0W-30	5W-30	5W-40
ACEA A3/B3				X
VW 502 00, 505 00, MB 229.3		X	X	X
VW 503 01		X		
Has the following Approvals				
API SN				X
API SL			X	
API SJ		X		
MB-Approval 229.3, MB-Approval 226.5, Porsche oil category A40, Renault RN0700/RN0710, VW 502 00, 505 00				X
BMW Longlife-98*		X	X	
Typical Properties				
Test Parameters	ASTM Method	Typical Values		
Viscosity @ 100 °C, cSt	D 445	11.30	11.20	14.6
Viscosity Index	D 2270	173	170	172
Flash Point, °C	D 92	224	224	230
Pour Point, °C	D 97	-42	-42	-36
TBN, mg KOH/g	D 2896	11.20	10.10	8.9
Density @ 15°C, Kg/l	D 1298	0.861	0.852	0.859
Sulphated Ash, %wt	D 874	1.51	1.26	1.07

\* BMW discontinued publishing the list of BMW Longlife-98 approved oils

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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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