



## Gulf MAX Passenger Car Motor Oil

### Product Description

**Gulf MAX** is premium quality passenger car motor oil developed for modern, high-output, multi valve, turbocharged & supercharged gasoline powered passenger cars and diesel powered light duty vehicles. All the grades are developed to exceed the performance requirements of API (American Petroleum Institute) SL.

### Features & Benefits

- Better thermo-oxidative stability minimises deposits & sludge build-up facilitating extended oil life
- Active cleaning agents provide engine cleanliness
- Superior antiwear technology minimises engine wear and thereby reduces maintenance cost
- Good low temperature fluidity assists in easy cold starts
- Excellent Stay-in-grade performance ensures reliable lubrication even at higher load & operating temperatures

### Applications

- Recommended for high performance, multi valve, turbocharged & supercharged gasoline powered passenger cars and diesel powered light duty vehicles requiring API SL & API CF quality oils
- SAE 30, 40 and 50 viscosity grades are recommended for use in older vehicles where use of single-grade motor oil of API SL or any previous "S" category is recommended.

### Specifications, Approvals & Typical Properties

Meets the following Specifications		30	40	50	10W-30	10W-40	15W-40	15W-50	20W-40	20W-50
API SL		X	X	X	X	X	X	X	X	X
API CF						X	X	X	X	X
Has the following Approvals										
API SL		X	X	X	X	X	X	X	X	X
Typical Properties										
Test Parameters	ASTM	Typical Values								
Viscosity @ 100 °C, cSt	D 445	10.7	14.4	18.2	11.10	14.40	14.60	18.30	14.10	18.40
Viscosity Index	D 2270	104	101	100	143	154	130	137	127	121
Flash Point, °C	D 92	252	266	270	218	224	224	228	224	226
Pour Point, °C	D 97	-18	-18	-18	-39	-33	-27	-27	-27	-27
TBN, mg KOH/g	D 2896	7.0	7.0	7.0	6.60	6.80	7.40	7.40	7.40	7.80
Density@15°C, Kg/l	D 1298	0.882	0.885	0.887	0.858	0.885	0.893	0.889	0.898	0.896
Sulphated Ash, %wt	D 874	0.93	0.93	0.93	0.83	0.82	0.90	0.90	0.90	0.90

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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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