



## **Gulf MAX X Plus**

### ***Premium Passenger Car Motor Oil***

#### **Product Description**

**Gulf MAX X Plus** is premium passenger car motor oil specially developed for the latest generation Passenger cars, SUVs, Vans operating on gasoline, flexifuel, CNG, LPG. It provides excellent protection against wear, deposits & sludge build-up and helps protect engines even while operating on ethanol-containing fuels up to E85. This premium oil meets the requirements of API SN, currently the highest API performance category for gasoline powered vehicles.

#### **Features & Benefits**

- State of the art additive technology coupled with highly refined base oils makes this oil very robust in terms of wear protection and cleanliness of engine and turbocharger components.
- It provides protection against corrosion and ensures compatibility with seals even in vehicles running on flexifuels including E85.
- Provides effective lubrication under stop-start city driving as well as high-temperature operating conditions.
- Advanced additive chemistry helps in emission system durability.

#### **Applications**

- North American, European & Japanese high output gasoline engines in Passenger cars, SUVs, Vans, and Light-duty trucks where API SN, API SM, API SL quality oils are specified.
- Suitable for Mercedes cars running on Gasoline and Diesel fuels and requiring MB 229.1 quality oils.
- Recommended for gasoline including turbocharged engines, flexifuel, CNG and LPG powered cars and light duty vehicles in moderately low as well as high ambient temperature conditions and/or severe duty cycles.
- Also suitable for light duty diesel passenger cars and vans without particulate filters.

#### **Specifications, Approvals & Typical Properties**

<b>Meets the Following Specifications</b>		<b>10W-40</b>
API SN/CF		<b>X</b>
MB 229.1		<b>X</b>
<b>Has the Following Approvals</b>		
API SN		<b>X</b>
<b>Typical Properties</b>		
<b>Test Parameters</b>	<b>ASTM Method</b>	<b>Typical Values</b>
Viscosity @ 100 °C, cSt	D 445	13.9
Viscosity Index	D 2270	146
Flash Point, °C	D 92	230
Pour Point, °C	D 97	-33
TBN, mg KOH/g	D 2896	8.2
Density @ 15°C, Kg/l	D 1298	0.875
CCS, cP at -25°C	D 5293	6800
MRV, cP at -30°C	D 4684	33400
HTHS, cP	D 4683	3.89

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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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