



## Gulf Formula CX 5W-30

### Catalyst Compatible Passenger Car Motor Oil

#### Product Description

**Gulf Formula CX 5W-30** is superior performance catalyst compatible passenger car motor oil formulated from finest quality synthetic base stocks and state-of-the-art additive technology meeting mid SAPS (Sulphated Ash, Phosphorous & Sulphur) requirements. It has been specially developed for all modern turbocharged, high output gasoline and diesel engines of passenger cars, SUVs, light vans and trucks requiring ACEA C2/C3 quality oils. It provides exceptional cleaning power and wear protection and minimises deposits in engine & turbocharger leading to superior overall performance. It meets the requirements of the latest low emission oil specifications of leading car manufacturers like Daimler, VW, GM and BMW.

#### Features & Benefits

- It has been designed to deliver outstanding performance and protection in conjunction with fuel economy benefits.
- Latest mid SAPS additive technology prolongs life of after treatment devices used in the latest passenger cars.
- Low ash content reduces particulate build-up in diesel particulate filters
- Active cleaning agents reduces piston deposits and sludge build-up facilitating cleaner engines.
- Excellent low temperature property aids cold start and protects against wear at start-up

#### Applications

- All gasoline and diesel engines in MB and Volkswagen cars meeting Euro 5 & prior emission norms and requiring oils meeting MB 229.31/ 229.51/ 229.52 and VW 505 00 and 505 01 quality respectively.
- All BMW gasoline and diesel cars fitted with particulate filters requiring BMW Long life-04 quality oils.
- Suitable for all diesel and gasoline cars of General Motors requiring GM dexos2™ quality oils
- Modern passenger cars, SUVs, light vans & trucks powered by both gasoline and diesel engines requiring API SN and ACEA C2/C3 quality oils.

#### Specifications, Approvals & Typical Properties

Meets the following Specifications		5W-30
ACEA C2/C3		X
BMW Longlife-04, MB 229.31, MB 229.51, MB 229.52		X
GM dexos2™, VW 505 00/ 505 01		X
Has the following Approvals		
API SN, MB-Approval 229.51 and MB-Approval 229.52		X
Approved according to VW Standard 505 00 and 505 01, BMW Longlife-04		X
Typical Properties		
Test Parameters	ASTM Method	Typical Values
Viscosity @ 100 °C, cSt	D 445	12.1
Viscosity Index	D 2270	165
Flash Point, °C	D 92	236
Pour Point, °C	D 97	-39
TBN, mg KOH/g	D 2896	8.1
Density @ 15°C, Kg/l	D 1298	0.854
Sulphated Ash, %wt	D 874	0.78
Phosphorus, %wt	D 4047/ICP	0.074

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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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