



## Gulfmar DDC High Speed Marine Diesel Oil

### Product Description

**Gulfmar DDC** is premium quality monograde engine oil developed for high output, high speed two-cycle diesel engines. It is available in two viscosity grades viz. SAE 30 & 40. It is formulated with quality base stocks and selectively chosen additives to provide excellent wear protection and engine durability. These oils are designed to exceed the performance requirements of API CF/CF-2 and are particularly recommended for Detroit Diesel two-cycle diesel engines in marine fleets operating on low sulphur fuels.

### Features & Benefits

- Excellent detergency reduces deposits, sludge build-up & varnish and extends engine life & durability
- Superior thermo-oxidative stability assists in controlling oxidative thickening and increases oil life
- Improved antiwear technology protects against scuffing & wear of cylinder liner and walls
- Special rust inhibitors retard rust & corrosion formation in critical engine parts
- Adequate TBN levels ensure protection against corrosive combustion products

### Applications

- High output, high speed two-cycle diesel engines in marine fleets operating on low sulphur fuels.

### Typical Properties

Meets the following Specifications		30	40
API CF-2		X	X
Typical Properties			
Test Parameters	ASTM Method	Typical Values	
Viscosity @ 100 °C, cSt	D 445	11.20	14.20
Viscosity Index	D 2270	98	96
Flash Point, °C	D 92	236	242
Pour Point, °C	D 97	-15	-12
TBN, mg KOH/g	D 2896	7.40	7.40
Density @ 15°C, Kg/l	D 1298	0.890	0.890
Sulphated Ash, %wt	D 874	0.80	0.80

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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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