



# PRODUCT DATA SHEET

## GulfSea Cylcare DCA 5070 (H, S, X)

Marine Cylinder Oil specially designed for modern Low Speed 2-stroke Marine Diesel Engines using High Sulphur Heavy Fuel Oil (HFO)

### Product Description

**GulfSea Cylcare DCA 5070** is a superior quality Marine Cylinder Lubricant (MCL) designed for modern low speed crosshead diesel engines operating on residual fuels having sulphur content in excess of 1%. This oil is specially developed for diesel engines operating with higher pressures & temperatures and longer strokes. This oil is available in SAE 50 viscosity grade with a BN (Base Number) of 70. This oil possesses outstanding acid neutralizing capability and provides excellent engine cleanliness and durability.

### Features & Benefits

- Outstanding acid neutralizing capability helps to prolong the life of engine components.
- Superior detergency minimizes deposits on critical parts viz. pistons, piston rings, ring grooves and cylinder ports.
- Enhanced anti-wear property minimizes piston ring & cylinder wear leading to reduced maintenance costs.
- Good compatibility with all normal seal materials.

### Applications

- Recommended for cylinder lubrication of the latest, highly rated low speed crosshead marine diesel engines operating on residual fuels with sulphur contents in excess of 1%.
- The feed rates recommended by the manufacturer should be maintained as the minimum. Higher feed rates may be required during running-in.

### Typical Properties

GulfSea Cylcare DCA 5070 (H, S, X)*		
Typical properties	SAE Grade	50
	BN	70
Test Parameters	ASTM Method	Typical Values
Viscosity @ 100 °C, cSt	D 445	19.9
Viscosity Index	D 2270	98
Flash Point, °C	D 92	246
Pour Point, °C	D 97	-18
BN, mg KOH/g	D 2896	70
Density @ 15 °C, kg/l	D 1298	0.934

\*Products will be suffixed with the H, S or X identifier (e.g., Cylcare 5070H, Cylcare 5070S or Cylcare 5070X), owing to the regional availability. However, the products with different identifier are miscible and compatible.

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