



# PRODUCT DATA SHEET

## GulfSea Cylcare 5085

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

### Product Description

**GulfSea Cylcare 5085** is a superior quality Marine Cylinder Lubricant (MCL) designed for the very latest 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 brake mean effective pressures (bmep) longer stroke lengths and Tier II NOx compliance. This oil is available in SAE 50 viscosity grade with a BN (Base Number) of 85. 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.
- Higher BN for increased acid neutralization capability and OEM's specified residual BN reserve in scrape down oil.
- 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 MAN Mk 8.2 and Mk 9 engines and Wartsila RT-Flex & W-X engines operating on residual fuels with sulphur contents in excess of 1% where cold corrosion is not evident.
- The feed rates recommended by the manufacturer should be maintained as the minimum. Higher feed rates may be required during running-in.
- Periodic inspection of liner condition and scrape down analysis is essential to ensure continuous low wear rates.
- If operating at the correct cylinder oil feed rate results in a scrape down analysis residual BN below manufacturers recommendations, (the typical minimum limit is 20BN) it is recommended to switch cylinder oil to Gulfsea Cylcare 50100.

### Typical Properties

GulfSea Cylcare 5085		
Typical properties	SAE Grade	50
	BN	85
Test Parameters	ASTM Method	Typical Values
Viscosity @ 100 °C, cSt	D 445	19.4
Viscosity Index	D 2270	99
Flash Point, °C	D 92	248
Pour Point, °C	D 97	-12
BN, mg KOH/g	D 2896	85
Density @ 15 °C, kg/l	D 1298	0.943

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