

# GOLDENSTONE® MARINE CM

## Technical Data Sheet (TDS)

### MARINE DIESEL ENGINE

#### Description and Application

GOLDENSTONE® MARINE CM 50/70 is marine oil formulated with a new up-to-date additive ensuring a perfect behavior of the product in all traditional low-speed crosshead marine diesel engines. The additive package has successfully passed field tests in Bolnes, Wartsila and MAN B&W engines.

GOLDENSTONE® MARINE CM 50/70 oil is cylinder oil, developed for centralized forced lubrication of the cylinders of low- speed high output crosshead diesel engines, burning heavy residual fuels.

#### Benefits

- Lower wear levels of cylinder liners compared to traditional oils
- Engine cleanliness
- Piston ring wear protection
- Bearing corrosion protection
- Low foaming tendency

#### Specifications

Specification	Value
SAE	50
API	CF

#### Typical Characteristics

Parameter	Test Method	Typical Value
		GOLDENSTONE® MARINE CM 50/70
Density at 20°C, g/ml	EN ISO 3675	0.930
Kinematic Viscosity at 100°C, mm <sup>2</sup> /s	EN ISO 3104	21.3
Viscosity Index	ISO 2909	95
Flash point COC, °C	EN ISO 2592	240
Pour point, °C	ISO 3016	-15
TBN (HClO <sub>4</sub> ), mg KOH/g	ASTM D 2896	70
Rust preventive Properties in the presence of distilled water	ISO 7120 Method B	PASS
Foaming (Tendency/Stability), mL, - Seq. I at 24°C - Seq. II at 93.5°C - Seq. III at 24°C	ISO 6247	0/0 10/0 0/0

Important note: typical data values do not constitute a specification but are an indication based on current production and can be affected by allowable production tolerances. The right to make modifications is reserved.

#### Health, Safety and Handling

Based on current available information, this product is not expected to produce adverse effects on health when used for the intended application.

For more information about product MSDS, terms and conditions for storage and shelf life please visit:

<http://www.goldenstoneoils.com>