

# GOLDENSTONE® MARINE C SAE 20/ 30/ 40

## Technical Data Sheet (TDS)

### MARINE DIESEL ENGINES

#### Description and Application

GOLDENSTONE® MARINE C engine oils are formulated with carefully balanced high quality lube base stocks and a special selection of additives, especially designed to ensure high equipment protection. GOLDENSTONE® MARIN C oils are system oils, developed for crankcase lubrication of the components and cooling of the pistons of low speed crosshead marine engines. They are also suitable for the lubrication of some auxiliary mechanisms and units such as stern tubes, gear drives, transmissions and other deck equipment.

**IMPORTANT:** GOLDENSTONE® MARIN C oils are not fit for the lubrication of trunk piston diesel engines.

Formulated in three SAE J 300 viscosity grades: 20, 30 & 40.

#### Benefits

- Effectively neutralize the combustion acid components promoters of corrosion
- Excellent thermal and oxidation stability
- Rapid separation of entrained water
- Superior protection of metal surfaces against corrosion
- Low foaming tendency

#### Specifications

SAE	20, 30, 40

#### Typical Characteristics

Parameter	Test Method	Typical Value		
		Goldenstone Marine c 20/7	Goldenstone Marine C 30/7	Goldenstone Marine C 40/7
Density at 20°C, g/ml	EN ISO 3675	0.880	0.887	0.893
Kinematic Viscosity at 100°C, mm <sup>2</sup> /s	EN ISO 3104	8.5	11.5	15.0
Viscosity Index	ISO 2909	95	95	95
Flash point COC, °C	EN ISO 2592	220	240	250
Pour point, °C	ISO 3016	-24	-21	-18
TBN (HClO <sub>4</sub> ), mg KOH/g	ASTM D 2896	6.0		
Sulfated Ash, %	EN ISO 3987	0.8		
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>