

GOLDENSTONE® MARINE S

Technical Data Sheet (TDS)

MARINE DIESEL ENGINES

Description and Application

GOLDENSTONE® MARINE S engine oils are formulated with a special selection of high quality lube base stocks and an appropriate additive package with enhanced detergency. These lubricants are suitable for operation with heavy residual fuels with high Sulphur content and some asphaltenes-gum content. GOLDENSTONE® MARINE S oils are intended for the lubrication of main and auxiliary medium speed trunk-piston engines burning distillate fuels with up to 3% Sulphur. They are also suitable for the lubrication of geared transmissions, variable pitch propellers and oil-filled stern tubes.

Formulated in two SAE J 300 viscosity grades: 30 & 40.

Benefits

- Effective soot and deposit formation control
- Extended oil drain intervals thanks to the enhanced thermal and oxidation stability
- Engine and piston cleanliness
- Rapid separation of any trapped water
- Low foaming tendency
- Ensures long engine life and reduced maintenance costs
- Corrosion protection

Specifications

SAE	30, 40
API	CF

Typical Characteristics

Parameter	Test Method	Typical Value	
		GOLDENSTONE® MARINE S 30/30	GOLDENSTONE® MARINE S 40/30
Density at 20°C, g/ml	EN ISO 3675	0.900	0.920
Kinematic Viscosity at 100°C, mm ² /s	EN ISO 3104	11.5	14.7
Viscosity Index	ISO 2909	95	95
Flash point COC, °C	EN ISO 2592	240	250
Pour point, °C	ISO 3016	-15	-12
TBN (HClO ₄), mg KOH/g	ASTM D 2896	30.0	
Sulfated Ash, %	EN ISO 3987	4.0	
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>

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