



# Texol Multisyn™ Marine MG

## Technical Data Sheet

### Texol Multisyn™ Marine MG Premium performance engine oils

#### Product description

Texol Multisyn™ Marine MG 30 and MG 40, high performance high alkaline diesel engine oil for medium and high speed trunk piston diesel engines burning low sulfur heavy fuels or marine diesel oil ( MDO ).

Texol Multisyn™ Marine MG 30 and MG 40, blended from high quality base oils and additives that provide an extra margin of protection against ring sticking, piston deposits and wear under the most severe operating conditions.

Texol Multisyn™ Marine MG 30 and MG 40 has very good viscosity control when used in severe high temperature service and its excellent alkalinity retention characteristics prevent corrosive wear over long periods of operation. The unique detergent and dispersant additive system provides outstanding piston cleanliness as well as superb heavy fuel related contaminants handling characteristics. This results in significant reduction of both HOT ( piston lands and grooves, piston undercrown, purifier heaters ) and COLD ( crankcase, cambox, fuel pumps, rocker area, purifier bowl ) deposits. The oil provides a high degree of water tolerance, and has good water separation and base retention properties.

Texol Multisyn™ Marine MG 50 is a high-performance 70 BN SAE 50 cylinder lubricant intended for lubricating slow-speed engines at very high mechanical and thermal loads. It is blended from highly refined, paraffinic base oils and carefully selected additives to provide superior ring and liner wear protection and excellent piston cleanliness in slow-speed crosshead engines.

Texol Multisyn™ Marine MG 50 has been developed specifically for high-pressure and high-temperature applications.

#### Customer benefits

- Ultra high performance TFAS technology
- Wear protection
- Reduced foaming and improved water tolerance
- Prevents deposits
- Oxidation stability
- Rust protection
- Balanced additive combination
- Detergent/dispersant properties
- Storage stability
- Compatibility



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#### Applications

Texol Multisyn™ Marine MG 30 and MG 40, recommended for all types of trunk piston diesel engines burning MDO or low sulfur heavy fuels with a sulfur content up to 2 %.

Texol Multisyn™ Marine MG 30 and MG 40 meets the requirements of all major marine diesel engine manufacturers. Texol Multisyn™ Marine MG 30 and MG 40 meets the performance requirements of API Service Category CF.

Texol Multisyn™ Marine MG 50 is recommended for lubricating the cylinders of all large slow-speed marine diesel engines operating at high specific power outputs and high thermal loads.

Texol Multisyn™ Marine MG 50 meets by MAN, Wärtsilä and Mitsubishi heavy industries for use in the latest generation engine designs.

#### Typical Properties

Property (Unit)	MG 30	MG 40	MG 50	Method
Density at +15 °C	890	895	930	ASTM D4052
Viscosity @40°C, cSt	94	136	246	ASTM D445
Viscosity @100°C, cSt	11	14	21	ASTM D445
Viscosity Index	102	100	105	ASTM D2270
Flash Point, °C	240	240	270	ASTM D92
Pour Point, °C	-18	-18	-15	ASTM D97
Sulphated Ash, %wt	2.00	2.05	9.00	ASTM D874
Base Number	20	20	70	ASTM D 2896