

TECHNICAL PRODUCT SHEET

POSEIDON TN

SAE 30, 40



DESCRIPTION

POSEIDON TN series are specially developed crankcase lubricants intended for use in medium speed, trunk piston diesel engines that operate on distillate fuels. They are manufactured by highly refined base oils enhanced with an advanced technology additive system for superior engine cleanliness and performance.

APPLICATIONS

POSEIDON TN lubricants are suitable for lubrication of medium speed main and auxiliary trunk piston diesel engines that operate with DMA, DMB and DMC fuels with up to 2% sulfur content. They are also suitable for the lubrication of many other shipboard equipment, like enclosed gears, shaft bearings, where special oils are not required.

SPECIFICATIONS

Everlence ES
Meets: API CF

Wärtsilä

PROPERTIES

POSEIDON TN series deliver superior wear performance, ensuring reliable protection of critical engine components under demanding operating conditions. Their effective detergent and dispersant properties prevent the accumulation of black sludge and soot, promoting cleaner engine interiors. With good alkalinity retention for efficient neutralization of combustion acids, along with strong thermal and oxidation stability, the POSEIDON TN series provides dependable, long-lasting performance for medium-speed marine and industrial diesel engines.

BENEFITS

POSEIDON TN lubricants provide excellent piston and liner wear protection, helping extend the service life of critical engine components. They deliver superior cleanliness in the crankcase and piston ring zone, contributing to reduced maintenance and improved operational reliability. With exceptional protection against acid formation and strong resistance to degradation, the POSEIDON TN series supports long oil life and enables extended drain intervals, ensuring dependable performance in demanding diesel engine applications



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PHYSICAL-CHEMICAL CHARACTERISTICS

POSEIDON	METHOD	TN 30	TN 40
SAE Grade		30	40
Density at 15°C, g/cm ³	ASTM D4052	0.895	0.898
Viscosity, Kinematic (cSt) 40°C	ASTM D445	110.0	138.0
Viscosity, Kinematic (cSt) 100°C	ASTM D445	12.0	14.0
Viscosity index	ASTM D2270	98	97
Flash point, COC, °C	ASTM D92	246	254
Pour point, °C	ASTM D97	-18	-15
TBN, mgKOH/g	ASTM D2896	21	21

The above mentioned characteristics represent mean values.

STORAGE

All packages must be stored in covered, well-ventilated areas. If outdoor storage cannot be avoided, barrels must be placed horizontally to prevent water ingress and to protect labels and markings from damage. Products must not be stored at temperatures above 60 °C and must not be exposed to direct sunlight, freezing conditions, or extreme temperature fluctuations.



HEALTH & SAFETY

This product is not considered to pose significant risks to health or safety when used as intended and in accordance with recommended personal hygiene practices. It must not be applied for purposes other than those for which it has been formulated. For detailed guidance on safe handling and use, refer to the Safety Data Sheet (SDS).



USED OILS

Used lubricants must be collected at designated collection points to prevent environmental contamination. They must not be mixed with solvents, brake fluids, or antifreeze.

