ALESTA S 40-15

Medium-Speed Trunk Piston Diesel Engine Oil

REXOIL ALESTA S 40-15 is a high-quality trunk piston diesel engine oil developed to meet the lubrication demands of medium-speed marine engines operating under continuous and variable load conditions. It is formulated with premium base oils and an advanced additive system to ensure consistent performance, engine cleanliness, and reliable protection against wear and corrosion.

The formulation is optimized to maintain engine cleanliness by controlling deposit formation in critical areas such as pistons, ring zones, and crankcase components. Its balanced alkalinity supports effective neutralization of acidic combustion products, helping to reduce corrosive wear and maintain engine durability over extended operating periods.

ALESTA S 40-15 is recommended for medium-speed trunk piston engines used in marine propulsion and auxiliary applications. It is suitable for engines operating on marine diesel oil (MDO), distillate fuels, and fuels with moderate sulphur content, ensuring stable operation, reduced maintenance needs, and extended engine service life.

Features and Benefits

- Provides excellent deposit control, keeping pistons and crankcase areas clean under demanding conditions.
- Ensures reliable protection against wear, extending the life of critical engine components.
- Offers enhanced alkalinity reserve to neutralize acidic combustion by-products.
- Delivers strong oxidation resistance, maintaining oil integrity over long operating periods.
- Protects engine parts against rust and corrosion, even in humid marine environments.
- Supports efficient engine performance and stable operation under varying loads.
- Helps reduce maintenance costs by extending oil drain intervals and minimizing downtime.

Approval and Specifications

API CF; YANMAR; Everllence (MAN ES); Daihatsu; Caterpillar; Rolls Royce; Hyundai

Technical Specifications

Test	Method	Typical Properties
Kinematic Viscosity (100°C), [cSt]	ASTM D445	12,8 – 16,3
Density @ 15^{0}C g/ml	ASTM D4052	0,885 - 0,910
Viscosity Index	ASTM D2270	Min. 90
Flash Point, °C	ASTM D92	Min. 235
Pour Point, °C	ASTM D97	Max. -15
Total Base Number, mg KOH/g	ASTM D2896	Min. 15,0

Health and Safety

This product does not pose a significant health or safety risk when used appropriately. For detailed safety information, please refer to the Safety Data Sheet (SDS).

Storage & Handling

Store in a cool, dry, and well-ventilated area, away from direct sunlight and moisture. Keep containers tightly closed to prevent contamination. Dispose of contents and containers in accordance with local regulations.

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