ALESTA LSO 6

Crankcase lubricant for two-stroke crosshead engines

REXOIL ALESTA LSO 6 is a high-performance crankcase lubricant developed for use in two-stroke marine diesel engines operating under demanding marine conditions. Formulated with high-quality base oils and a carefully balanced additive system, it provides reliable lubrication, cleanliness, and protection of engine components throughout extended service intervals.

The product is designed to ensure effective control of deposits, oxidation, and wear within the crankcase system, helping to maintain engine efficiency and operational reliability. It supports the protection of bearings, gears, and other critical components against corrosion and mechanical stress, even in environments exposed to moisture and salt-laden air.

ALESTA LSO 6 is particularly suitable for crosshead-type two-stroke marine engines where a dedicated crankcase lubricant is required. It is recommended for use in marine propulsion systems and auxiliary engines operating under varying loads and severe conditions, contributing to extended equipment life and reduced maintenance requirements.

Features and Benefits

- Provides excellent engine cleanliness by effectively controlling sludge and deposit formation.
- Ensures reliable wear protection for bearings and critical engine components under demanding conditions.
- Offers strong oxidation stability, maintaining performance over extended service intervals.
- Protects against corrosion caused by moisture and salt-laden marine environments.
- Delivers high thermal stability, enabling consistent performance at elevated operating temperatures.
- Supports smooth and efficient engine operation, enhancing overall system reliability.
- Helps extend equipment service life by reducing maintenance requirements and downtime.

Approval and Specifications

WinGD (Wärtsilä); Japan Engine Corporation (UE Engines); Everllence (MAN ES)

Technical Specifications

Test	Method	Typical Properties
Kinematic Viscosity (100°C), [cSt]	ASTM D445	9,8 – 12,5
Density @ 15^0C g/ml	ASTM D4052	0,880 - 0,898
Viscosity Index	ASTM D2270	Min. 90
Flash Point, °C	ASTM D92	Min. 230
Pour Point, °C	ASTM D97	Max. -15
Total Base Number, mg KOH/g	ASTM D2896	Min. 6,0

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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