RF6312MB Marine Online Blending Cylinder Oil Package

■ Product Introduction

RF6312MB refers to a high-performance Marine Online Blending Cylinder Oil Package formulated with in-house high-quality detergent, dispersant, anti-oxidation and anti-wear and other components. The formulated cylinder oil provides excellent detergency, dispersancy, anti-wear, water separation performance, and neutralizes acid substance immediately. This product meets two-stroke low speed cross-head marine diesel engine cylinder lubrication specifications.

■ Recommended Treat Rate

This product is applicable for ocean-going ships equipped with online blending systems. It is blended with recycled system oil to formulate cylinder oil with base number ranges from 40BN-100BN to meet the requirement of engines running on high and low sulfur fuels.

■ Performance Characteristic

1. RF6312MB package formulated with in-house high-quality detergent, high-temp anti-oxidant and other additive components, is of high product quality, stability and cost effective.
2. Covers a wide range of total base number and with a unique formulation, the cylinder oil blended with this package with base number ranges from 40BN-100BN provides excellent comprehensive lubrication performance.
3. Compatible with BOB system. With strict base number and viscosity control, this product ensures good compatibility with online blending systems, and flexible and efficient blending operations.
4. Matching with system oil. The package offers good compatibility and matching with mainstream system oil within China and internationally, with stable performance from formulated cylinder oil.
5. RF6312M's unique high-temp anti-oxidation property and sophisticated formulation enable prolonged stay of the oil on the cylinder wall, ensure long-lasting performance with reduced injection rate.

■ Technical Specification

Item	Index	Test Method
Kinematic Viscosity (100℃), mm^2/s	98	ASTM D445
Density (20℃), kg/m^3	1156	ASTM D4052
Flash Point (COC), ℃	≥200	ASTM D92
Total Base Number, mgKOH/g	365	ASTM D2896
Ca Content, m%	14.02	ASTM D4951

■ Product Storage/Handling/Transportation/Package

- Packed in 200L iron drums or as required by customers, subject to the actual weight.
- The long-term storage temperature shall not exceed 45℃, and the loading/unloading or blending temperature shall not exceed 65℃.
- This product is not flammable, explosive and corrosive. In terms of safety, environmental protection and use, it is the same as general petroleum products with no special protection required.