

AGIDOL 12B in Biodiesel (40%)

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Specifications

Agidol-12B is a mixture of alkylphenols perfectly calibrated in order to obtain the best synergy between the components and to enhance the antioxidant properties. Solution of Agidol-12B in biodiesel is used as an antioxidant additive for biodiesel fuels to enhance their chemical stability.

Agidol-12B must comply with the following quality parameters:

Parameter	Standard	Test Method
Appearance	Flake product from light to dark yellow in colour	
Density, kg/m ³ at 20 °C, max	920	ASTM D 1298
Active component content in the product, %, min	40	GLC analysis
2,6-di-tert-butyl-4-methylphenol (BHT) content, %, min	75	GLC analysis
Chilling temperature, °C, not higher than	5	ASTM D 1177
Water content, %, max	0.05	ASTM D 95
Viscosity at 20 °C, mm²/s, max	15	ASTM D 445
Closed-cup flash point, °C, not lower than	100	ASTM D 92
Oxidation stability at 110 °C and dosage of 0.25% wt. per hour, min	8.0	ASTM D 2274
Biodiesel used as a solution, %	60	GLC analysis

Packaging and Transportation: To be poured in Carbon Dioxide medium, filling ratio of the container is 90%. Transported in bulk in special-purpose tank containers or special-purpose tanks equipped with bottom unloading device. Material of tank and tank container shells is low-alloy or stainless steel. Tanks and tank containers shall be marked (with signs, stencils and safety symbols) in compliance with dangerous goods regulations, applied to this type of transport means. Upon agreement with a customer the can be packed in hermetic steep barrels of 200 dm³ by volume. Transported by all means of transport in accordance to the rules of cargo transportation applied to the specific type.

Storage: To be stored in a dry and fireproof warehouse of a manufacturer or a customer.

Guaranteed Shelf Life: 24 months from the manufacture date. After expiration of the guaranteed shelf life, the product can be used for its intended purpose upon checking for compliance with specification requirements.