

# World Biodiesel Congress & Expo

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## Biodiesel application and biodiesel standardization in China

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Status and development trend of biodiesel in China was reviewed. The main obstacles which effect the development and application of biodiesel industry in China were analyzed. In order to successfully use biodiesel, some technical obstacles must be studied and solved; moreover, some national specifications for biodiesel products must be drafted and enforced. Research projects such as oxidation stability and material compatibility were carried out in our laboratory and the results were presented. History of pure biodiesel (BD100) national standard GB/T 20828 and biodiesel fuel blend (B5) national standard GB/T 25199 was introduced. Their current status and revision trend were presented and explained. Test methods standardization for biodiesel and biodiesel blends in China were also introduced. Suggestions are made for the future development of biodiesel in China.

### Biography

Jianmin Lin is a Professor of Biofuel Department of Research Institute of Petroleum Processing (RIPP), SINOPEC. His researches focus on the research and development of additives for petroleum products and biofuels, liquid fuels from biomass and standardization of biofuels. He has applied for more than 70 patents in diesel fuel additives, biodiesel production and biodiesel additives with over 50 ones granted. He was in charge of drafting national standards for biodiesel, biodiesel blends and test methods for biofuels. At present, he is in charge of revising the national specifications for BD100 and B5.

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