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Autore	Agarwal Avinash K (Avinash Kumar)
Titolo	Alcohol as an Alternative Fuel for Internal Combustion Engines // edited by Pravesh Chandra Shukla, Giacomo Belgiorno, Gabriele Di Blasio, Avinash Kumar Agarwal
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Nota di contenuto	Introduction to Alcohol as an Alternative Fuel for Internal Combustion Engines -- Ethanol in Dual-Fuel and Blend Fuelling Modes for Advanced Combustion in Compression Ignition Engines -- PM characteristics and relation with oxidative reactivity - Alcohol as a renewable fuel -- Methanol as a Fuel for Marine Diesel Engines -- The Potential of Various Alcohol Fuels for Low Temperature Combustion Engines -- Challenges in blending the Diesel- Ethanol blends using Butanol as co solvent along with diesel for replacing the neat diesel to fuel compression ignition engines Suitable for low temperature application.
Sommario/riassunto	This book covers different aspects related to utilization of alcohol fuels in internal combustion (IC) engines with a focus on combustion, performance and emission investigations. The focal point of this book is to present engine combustion, performance and emission characteristics of IC engines fueled by alcohol blended fuels such as methanol, ethanol and butanol. The contents also highlight the

importance of alcohol fuel for reducing emission levels. Possibility of alcohol fuels for marine applications has also been discussed. This book is a useful guide for researchers, academics and scientists.
