CONTENT

	Page
Alternative Fuels in Diesel Engines – A Review	1
Ignition Improvers for Ethanol Fuels	9
Multi-Cylinder Diesel Engine Tests with Unstabilized Water in-fuel Emulsions	21
A Study of Fuel Nitrogen conversion, Performance, and Emission Characteristics of Blended	
SRC-II in a High-Speed Diesel Engine	35
Dual Fueling of a Two-Stroke Locomotive Engine with Alternate Fuels	47
Performance of a Diesel Engine Operating on Raw Coal-Diesel Fuel Slurries	59
Use of Alcohol-in-Diesel Fuel Emulsions and Solutions in a Medium-Speed Diesel Engine	71
Ethanol Fuel – A Single-Cylinder Engine Study of Efficiency and Exhaust Emissions	83
Heavy-Duty Truck diesel Engine Operation on Unstabilized Methanol/Diesel Fuel Emulsions	99
Road Performance of a Diesel Vehicle with Supplementary Carburation of Alcohol	109
Onboard Hydrogen Generation for Hydrogen Injection into Internal combustion Engines	119
Hydrogen as an Alternative Automotive Fuel	127
Prepared Discussion of "Hydrogen as an Alternative Automotive Fuel"	151
Hydrogen-Fueled Automotive Engine Experimental Testing to Provide an Initial Design-Data Bas	se163
Liquid-Hydrogen Automotive Onboard Storage and Servicing System Project: A Progress Report	t 181
Regional Refining Models for Transportation Fuels from Shale Oil and Coal Syncrudes	189
Methyl Aryl Ethers from Coal Liquid as Gasoline Extenders and Octane Improvers	201
Emergency Transportation Fuels: Properties and Performance	213
Solid Fuel Applications to Transportation Engines	237