

## APPENDIX "AEEA-27"

ALTERNATE HYDROCARBON FUELS  
FOR ROAD TRANSPORT

FUEL	MAJOR R & D NEEDS
PROPANE	
COMPRESSED NATURAL GAS (CNG)	1. ENGINE PERFORMANCE DATA UNDER CANADIAN WINTER CONDITIONS
ALCOHOLS	2. COLD WEATHER STARTING PROBLEMS
GASOHOL	1. TANK DESIGNS TO ELIMINATE MOISTURE AND CORROSION
DIESOHOL	2. VAPOUR PROBLEMS IN SUMMER
	3. FUEL INSTABILITY IN COLD WEATHER
	4. FUEL INSTABILITY DUE TO MOISTURE
	5. IMPROVED TECHNOLOGY TO OPTIMIZE FUEL ECONOMY, EMISSIONS AND DRIVEABILITY