



Synthetic Fuels Handbook: Properties, Process, and Performance (Hardback)

By James Speight

McGraw-Hill Education - Europe, United States, 2008. Hardback. Condition: New. Language: English . Brand New Book. Capitalize on the Vast Potential of Alternative Energy Sources Such as Fuel Cells and Biofuels Synthetic Fuels Handbook is a comprehensive guide to the benefits and trade-offs of numerous alternative fuels, presenting expert analyses of the different properties, processes, and performance characteristics of each fuel. It discusses the concept systems and technology involved in the production of fuels on both industrial and individual scales. Written by internationally renowned fuels expert James G. Speight, this vital resource describes the production and properties of fuels from natural gas and natural gas hydrates.tar sand bitumen.coal.oil shale.synthesis gas.crops.wood sources.biomass.industrial and domestic waste.landfill gas.and much more. Using both U.S. and SI units, Synthetic Fuels Handbook features:Information on conventional and nonconventional fuel sources Discussion of the production of alternative fuels on both industrial and individual scales Analyses of properties and uses of gaseous, liquid, and solid fuels from different sources Comparison of properties of alternative fuels with petroleum-based fuels Discover All the Benefits and Trade-Offs of Synthetic Fuels * Fuel sources: conventional and nonconventional * Natural gas and natural gas hydrates * Petroleum and heavy oil * Tar sand bitumen...



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