



## Entretiens Sur LHistoire

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By -

RareBooksClub. Paperback. Book Condition: New. This item is printed on demand. Paperback. 24 pages. Original publisher: Golden, Colo. : National Renewable Energy Laboratory, 2006 OCLC Number: (OCoLC)177061629 Subject: Desulfurization. Excerpt: . . . 4. Hydrocarbons in physical solvents have caused significant foaming and operational problems in the past, especially with Selexol. While some steps can be taken to minimize this, it can become a major operational issue. 5. It is unclear due to limited data how removing large quantities of tars and oils will impact the ability of the physical solvent to remove H<sub>2</sub>S. As the physical solvent becomes more loaded (with preferential solubility to aromatic compounds over H<sub>2</sub>S and CO), greater recycle rates and larger vessels would likely be necessary. SECTION 4: CATALYTIC ABSORBENTS Catalytic absorbents, such as zinc oxide (ZnO) or copper oxide (CuO), are often used as a polishing step for sulfur removal in gas streams where the incoming sulfur level is 10 to 20 ppm or lower. For hydrocarbon and IGCC applications, catalytic absorbents are usually not a primary sulfur removal process. They are typically applied downstream of either a chemical or physical solvent to...



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