

## 코발트계 촉매를 이용한 Fischer-Tropsch 반응의 반응 거동 해석

양정일, 김학주, 윤재경, 주현규, 정 현\*  
한국에너지기술연구원  
(jungh@kier.re.kr\*)

Fischer-Tropsch synthesis with cobalt based catalyst was carried out to obtain synthesis fuel from syngas. Simulated distillation (SIMDIS) was used to find out the product distribution from the synthesis reaction and the reaction was carried out in a conventional tubular reactor with 1 inch of diameter and 50 cm of length.