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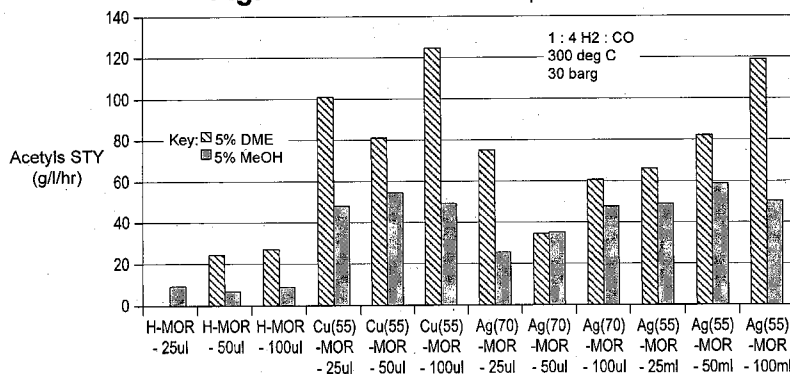
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(54) Title: PROCESS FOR THE CARBONYLATION OF DIMETHYL ETHER

Fig. 2 DME vs MeOH comparison



(57) Abstract: Production of methyl acetate by carbonylating a dimethyl ether feed with carbon monoxide in the presence of hydrogen under substantially anhydrous conditions, in the presence of a zeolite catalyst at a temperature in the range of greater than 250°C to 350°C and a dimethyl ether concentration of at least 1 mol%.