

SELECTIVE CATALYSTS FOR NAPHTHA HYDRODESULFURIZATION**Abstract**

The invention relates to a catalyst for hydrodesulfurizing naphtha, to a method for preparing said catalyst and to a method for hydrodesulfurizing naphtha using said catalyst. More particularly, the catalyst comprises a Co/Mo metal hydrogenation component on a silica support having a defined pore size distribution and at least one organic additive. The catalyst has high dehydrosulphurisation activity and minimal olefin saturation when used to hydrodesulfurize FCC naphtha.

Figure 1