

عنوان مقاله:

Experimental Investigation of Separation of the Mixture Containing Mercaptans in Refinery Units

محل انتشار:

ششمین کنفرانس بین المللی مهندسی شیمی و نفت (سال: 1399)

تعداد صفحات اصل مقاله: 9

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خلاصه مقاله:

In this research, the separation of di sulfide species from the consumer utilization of Demercaptanization units at the laboratory and laboratory scale was evaluated and the effect of increasing the Demulsifier using conventional tests on various variables such as type, concentration, and also the effect of time and time on desulfurization efficiency Castile has been investigated. The results show high efficiency in recovery of profit with optimum concentration of Demulsifier and present. An increase in the demulsifier has led to a reduction in more than 20 ppm sulfur compounds in the case. In this process, the best solution for desulfurization is from the caustic, solvent with a structure close to the main cut with a low sulfur content. This way, the consumption caustic solution will be reusable. This is environmentally friendly and economically feasible

کلمات کلیدی:

Experimental, Mercaptans, Refinery, Demulsifier

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