عنوان مقاله:

The effects of homogenization speed and time on the stability of W/O emulsion

محل انتشار:

نهمین کنفرانس بین المللی شیمی، مهندسی شیمی و نفت (سال: 1400)

تعداد صفحات اصل مقاله: 5

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خلاصه مقاله:

In the current work, the effect of homogenizer speed and emulsification time on W/O emulsion stability was investigated. Emulsion stability was assessed by visual observation. The results show that stability improves with increasing homogenizer speed and emulsification time. Also, as the time increases, the effect of the homogenizer speed decreases. The most stable emulsion was observed at ۷۵۰۰ rpm and ۱۰ minute emulsification time. The prepared emulsion was homogeneous and the average droplet size was ۲.۳۸ micrometers

کلمات کلیدی:

W/O emulsion, Stability, Homogenization, emulsification time, Speed