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Turkish Journal	The Effectof Temperature on the Dynmaic Viscosity of Acetone Sunflower-Seed Oil Mixtures
of	Hüseyin TOPALLAR, Yüksel BAYRAK
	Department of Chemistry, Faculty of Sciences and Letters,
Chemistry	Trakya University, 22030 Edirne - TURKEY
Keywords Authors	Abstract: The effect of acetone on the dynamic viscosity of sunflower-seed oil was studied under a dynamic heating regime at temeparuters ranging from 25°C to 50°C at 5°C intervals. Acetone dramatically reduced the viscosity of sunflower-seed oil. The reduction of viscosity was far less with further addition of acetone. A linear relationship was found between the density of sunflower-seed oil and temperature. The influence of a solvent on the density of the sunflower-seed oil/acetone solution can be accounted for by the mixing theory of ideal solutions, whereas the effect of temperature on the dynamic viscosity of the oil solution is best described by a modified Arrhenius equation.
@	Key Words: Acetone/oil solution, density, modelling, sunflower-seed oil, temperature effect, viscosity.
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