



## New relationship to describe the rheology of sunflower oil

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**Abstract** This paper proposes two new relations of dependence of log dynamic viscosity depending on log absolute temperature shear rates between  $3.3$  and  $120\text{s}^{-1}$ . The constants A, B, and C were determined by Origin 6.0 software by fitting linear or polynomial curves obtained from experimental data. The two proposed relationships give correlation coefficients close to one.

*Keywords:* relationship, dynamic viscosity, sunflower oil

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