Normal stress measurement in foams and emulsions in the presence of slip

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Highlights

- The Mooney analysis for slip correction is used for three yield-stress fluids.
- The Mooney method is robust, although the basic assumption for use is violated.
- Normal stresses after yielding exhibit a 0.4 power-law dependence on shear rate.
- The foam exhibits Mooney-Rivlin behavior prior to yielding.