

Materials List for:

Experimental Measurement of Settling Velocity of Spherical Particles in Unconfined and Confined Surfactant-based Shear Thinning Viscoelastic Fluids

Sahil Malhotra¹, Mukul M. Sharma¹

¹Petroleum & Geosystems Engineering, The University of Texas at Austin

Correspondence to: Sahil Malhotra at sahilm@utexas.edu

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Materials

Name	Company	Catalog Number	Comments
Glass Microspheres	Whitehouse Scientific	#GP1750	Available in different sieve fractions.
Rheometer	TA Instruments	ARES	Any standard rheometer capable of taking dynamic and static measurements
Anionic Surfactant (Component A)		Proprietary fluid	Used in oil field services for hydraulic fracturing. Sodium Xylene Sulfonate can be used as a substitute.
Cationic Surfactant (Component B)		Proprietary fluid	Used in oil field services for hydraulic fracturing. N,N,N-Trimethyl-1-Octadecamonium Chloride can be used as a substitute.