

Silicone Oil: Unveiling a Spectrum of Viscosities

- Silicones, also known as polysiloxanes, are synthetic polymers with a silicon-oxygen backbone, similar to silicon dioxide but with additional organic groups.
- These compounds possess a remarkable combination of physical and chemical properties, primarily due to the extraordinary characteristics of the siloxane (-Si-O-) bond.
- Silicone oil, with its various viscosities, used in Malvern particle size analysis and other particle characterization techniques.
- The choice of silicone oil viscosity depends on the size range of particles being analyzed and the specific requirements of the measurement.

Various viscosity options include:

- Silicone oil 3 cSt
- Silicone oil 5 cSt
- Silicone oil 10 cSt
- Silicone oil 20 cSt
- Silicone oil 50 cSt
- Silicone oil 100 cSt
- Silicone oil 500 cSt
- Silicone oil 1000 cSt
- Silicone oil 10000 cSt
- Silicone oil 30000 cSt
- Silicone oil 100000 cSt



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