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SILICONE FLUID 500 VISCOSITY

ArroChem's Silicone Fluid 500 Viscosity is a premium-grade silicone-based fluid with a viscosity of 500 centistokes (cSt). It is a clear, colorless, and odorless liquid with exceptional thermal stability and electrical insulating properties. This high-viscosity silicone fluid is widely used in various industrial applications that require a stable and reliable performance under a range of conditions.

General Characteristics:

Appearance:	Clear, colorless liquid
Chemical Composition:	Polydimethylsiloxane (PDMS)
Solubility in Water, 25°C:	Insoluble
Viscosity:	~500 cSt at 25°C
Specific Gravity:	0.96 - 0.97 g/cm ³ at 25°C



APPLICATION:

Silicone Fluid 500 Viscosity finds applications in a wide range of industries, including:

- **Heat Transfer Fluid:** Used as a heat transfer fluid in high-temperature applications, such as in heat exchangers and cooling systems where its stable viscosity is advantageous.
- **Lubricants:** Employed as a lubricant in industrial machinery and equipment that requires higher viscosity for effective lubrication and protection against wear.
- **Hydraulic Fluid:** Utilized as a hydraulic fluid in certain systems due to its high viscosity index and excellent thermal stability.
- **Electrical Insulation:** Serves as an electrical insulating fluid in electrical components and equipment where its high dielectric strength is essential.