



# CL 3820 SILICONE FLUID 600

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## PRODUCT DESCRIPTION

**CL 3820 SILICONE FLUID 600** is a blend of water-clear performance based Dimethyl Siloxane polymers that has a wide applications and usage. **CL 3820 SILICONE FLUID 600** has viscosity range of 600cst at 25degree Celsius. **CL 3820 SILICONE FLUID 600** has many special properties for wide variety of applications:

## ADVANTAGES

- Extreme temperature stability
- Excellent Dielectric Strength
- Non-Toxicity
- Low vapor pressure
- Chemical inertness
- Food-Grade approved ingredient
- Low Surface tension
- High Flash point
- Low Pour point
- Oxidation Resistance
- Good Compression medium
- Physiological inertness
- Low surface tension
- Water Repelling

## APPLICATION

- Lubricant - a clean, non-greasy lubricant is required, especially in food and electronic industry.
- Lubrication of plastics and rubber, for assembly and sealing purposes.
- Hydraulic Fluid - Excellent compressibility and thermal stability makes it an ideal medium for hydraulics systems and other damping applications.
- Heat Transfer - Used as a good heat transfer medium where it has little or no change in physical properties over a wide temperature range.
- Anti Foam - As foam prevention.
- Additive - For cosmetic ingredients, food processing and polishes etc.

## **SPECIFICATION**

|                                 |               |
|---------------------------------|---------------|
| Viscosity at 25 degree Celcius  | 600 cst       |
| Viscosity at 100 degree Celcius | 186 cst       |
| Specific heat capacity          | 500 J/ (kg.K) |
| Breakdown Voltage, DIN 43481    | 45 KV         |
| Density                         | 0.985         |
| Pour Point , °C                 | -20°C         |
| Flash Point , °C, DIN 2592      | > 325°C       |
| Refractive Index, DIN 51423     | 1.4           |