



## SUPER LUBE® SILICONE OIL

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Super Lube® Silicone OIL is a straight chained polydimethylsiloxanic fluid.

Super Lube® Silicone Oil offers a low variation in viscosity as a function of temperature, operating from -50 °C to 200 °C.

Super Lube® Silicone Oil has excellent peak and prolonged shear strength, with high resistance to oxidation, hydrolysis and ageing. It is chemically inert with very limited combustibility.

Part No.	Description
<b>100 cSt</b>	
56104	4 oz bottle
56101	1 gallon bottle
56105	5 gallon pail
<b>5000 cSt</b>	
56504	4 oz bottle
56501	1 gallon bottle
56505	5 gallon pail

## Super Lube® Silicone Oil

### Typical Properties

- ▶ Very good resistance to high and low temperatures
- ▶ Good combustion resistance
- ▶ Good dielectric properties
- ▶ High compressibility
- ▶ Good oxidation resistance



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## SUPER LUBE® SILICONE Oil

### Applications:

- ▶ Thermostatic fluids
- ▶ Dielectric fluids
- ▶ Lubricating textile threads
- ▶ Water repellent treatment
- ▶ Mold release agent
- ▶ Elastomer or plastic on metal lubricant

Typical Properties		
Test	Characteristic	Rating
Color		Clear
Temperature Range		-50°C to 200°C
Flashpoint	°C closed cup	>300
Specific heat	Joules/g @25°C	1.46
Thermal conductivity	Watt/m@25°C	0.16
Specific gravity	@25°C	0.97
Dielectric constant	25°C Between 0.5 and 100kHz	2.80
Dielectric strength	kV/mm	16
Volume Resistivity	Ohm/cm@25°C	1.10 <sup>15</sup>



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