

TECHNICAL DATA SHEET**SL-342 SILICONE FLUID****DESCRIPTIONS:**

SILOCK SL-342 SILICONE FLUID IS A CLEAR, COLORLESS AND ODORLESS LINEAR POLYDIMETHYLSILOXANE FLUID / PDMS SILICONE FLUID (CAS #63148-62-9 WITH A VISCOSITY OF 1,000CST CENTISTOKES). SILOCK SL-342 SILICONE FLUID ARE USED TO PROVIDE MOTION CONTROL, NOISE REDUCTION AND SMOOTH FEEL. WHEN COMPARED TO HYDROCARBON BASED LUBRICANTS, SILICONES HAVE EXCELLENT TEMPERATURE- VISCOSITY CHARACTERISTICS, HIGHER SHEAR STABILITY, WATER RESISTANCE AND BETTER LOW TEMPERATURE PERFORMANCE. THEY PROVIDE A SUPERIOR PROTECTIVE FILM BETWEEN MOVING PARTS ENSURING QUIET MECHANICAL OPERATION AND SMOOTH ACTION OVER A WIDER RANGE OF ENVIRONMENTAL CONDITIONS. THESE ENHANCED QUALITIES EXTEND SERVICE LIFE OF THE MECHANISM.

FEATURES:

- DAMPEN VIBRATION IN GAUGES, INSTRUMENTS, AND METERS
- PROTECT INTERNAL COMPONENTS AGAINST VIBRATION, FREEZING AND CORROSION.
- WIDE SERVICE TEMPERATURE RANGE
- HIGH OXIDATION RESISTANCE
- HIGH RESISTANCE TO SHEAR
- INERT TO VIRTUALLY ALL O-RINGS, GASKETS, SEALS AND VALVES

** NOT RECOMMENDED FOR SILICONE O-RINGS DUE TO POSSIBILITY OF SWELLING*

AREAS OF APPLICATION:

DAMPING FLUIDS, BATH FLUIDS, HEAT TRANSFER FLUIDS, HYDRAULIC FLUIDS, DIELECTRIC FLUIDS, PLASTIC & RUBBER LUBRICANTS, O-RING LUBRICANTS, GASKETS LUBRICANTS, VALVE AND SEAL LUBRICANTS, BEARING LUBRICANT

SPECIFICATIONS:

APPEARANCE	CLEAR LIQUID
CHEMICAL NAME	POLYDIMETHYLSILOXANE
VISCOSITY (CST)	1000
DENSITY(G/CM ³)	0.97±0.1
APPLICATION TEMPERATURE(°C)	-50 °C ~+200 °C

CAUTION:

PLEASE READ MATERIAL SAFETY DATA SHEET (MSDS) WHEN YOU USE IT. THIS ITEM MIGHT NOT BE ABLE TO DEMONSTRATE AN ORIGINAL PERFORMANCE ACCORDING TO USE CONDITIONS. PLEASE USE IT AFTER CONFIRMING WHETHER TO SUIT A TARGET USAGE BEFORE HAND WITHOUT FAIL. KEEP AWAY FROM CHILDREN. AVOID CONTACTING WITH SKIN AND EYE. FOR SKIN CONTACTED, REMOVE THE ACTIVATOR BY CLOTH, WASH SKIN THOROUGHLY WITH SOAP AND WATER. FOR EYE CONTACTED, HOLD EYE LIDS APART AND FLUSH THROUGHLY WITH WATER, CONTACT PHYSICIAN.

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