



TEXFOOD SILCON 350

HIGH PERFORMANCE SILICON OIL



Nonfood Compounds
(Category Code H1)



DESCRIPTION

LUBTEX[®] TEXFOOD SILCON 350 are Polydimethyl Siloxane available in different viscosities. These are FDA listed and meet the requirements of CFR 178.3570 – H1 category, and 3H for direct food Contact Application include: -

1. Release agent.

Used purely or as a part of a compounded formula LUBTEX[®] TEXFOOD SILCON provides a non-toxic, non-carbonising mould release for rubber, plastics and metal die-castings.

2. Anti-foam agent.

Very small quantities of the fluid are very effective as a foam control agent, especially in non-aqueous systems.

3. Mechanical fluid.

The very high viscosity-index, the thermal and chemical stability, shear-breakdown resistance and the rubber compatibility as well as the compressibility make this fluid outstanding for mechanical and hydraulic uses.

4. Lubricant.

The fluid provides excellent lubricating properties for most plastic and Elastomer surfaces.

5. In polishes and chemical specialties.

Silicone oil is used in most automobile and furniture polishes for its ease of application, high gloss with a minimum rubbing and durable water repellent film.

In electrical and electronic equipment. Because of the excellent dielectric properties' silicone oil is widely used as an insulating and damping fluid.

OUTSTANDING FEATURES

- Little change in physical properties over a wide temperature range.
- The fluids are thermally stable at 150°C for extended time intervals.
- Excellent water repellence.
- Low surface tension. The fluid readily wets clean surfaces to impart water repellence and release characteristics.
- Low toxicity.
- Non-irritant to skin

Technical Data (typical value)	TEXFOOD SILCON 350
Kinematic Viscosity at 25°C	350 cSt
Density at 25°C	0.97 g/cm ³
Setting Point (max)	50 °C
Flashpoint (min.)	300