

New Tech Lubes Limited

Technical Data Sheet
NTL TDS 095-1.2
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FOOD SAFE SILICONE OIL FS SILL TECH OIL 350cst

Product Overview

FS Sill Tech Oil is a synthetic polydimethyl siloxane oil and can be supplied in viscosity ranges from 0.65cSt to 60000cSt. It is compatible with most standard silicone oil applications.

It is suitable for use in food, beverage, pharmaceutical and clean environments.

Features and Benefits

- Good Chemical compatibility with rubbers.
- High resistance to temperature, up to 250°C
- Low viscosity variation versus temperature.
- Very low surface tension.
- Water repellent properties.
- Low surface tension (anti-foaming properties).
- High electrical insulating properties.
- Thermal conductivity.
- Available in 400ml Aerosols

Typical Applications

- **Non-Stick Coating**
- **Release Agent - Plastic & Rubber Moulds**
- **Light Lubricant - Plastic Mechanisms etc**
- **Heat Transfer Fluid - Heat Exchangers, Fluid Baths**
- **Cardboard Processing Plants**
- **Metal Chutes/Slides**

Directions for Storage and Use

Product is to be stored in a clean, dry, storage area in its original sealed packaging.

Shelf Life (unopened) – 3 years approx *

Product can be applied by brush, applicator or automatic lubrication system.

Do not mix with other lubricants if compatibility is not known, for best results purge system of other lubricants. Apply to clean, dry parts only.

Disclaimer

The data sheet is based on personal knowledge and experience and is given as a guideline to its possible uses. It does not take into account variables or conditions out of our control that can affect our product in any way. It is the users' sole responsibility to ensure that the product is suitable for the purpose for which it is being used and this data does not in any way form a warranty. If you are unsure of its suitability please contact us and we will be happy to discuss your needs and supply a sample for testing if required. New Tech Lubes Ltd is committed to supplying the best products and may therefore change the information in this specification at any time.

Available Sizes
5ltr
25ltr
205ltr

Available Grades
50cst and 350cst stock items
0.65 - 60,000cst on request

Physical Characteristics	
Colour	Clear
Odour	None
Pour Point	-70°C
Flash Point	285
Density@25°C	0.963
Kinematic Viscosity @ 25°C	350 cst
Viscosity Temperature Coefficient	0.59
Refractive Index @ 25°C	1.402

Safety Data Sheets

Safety data sheets are available for download from our website, scan the QR code to take you to our website



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