

# New Tech Lubes Limited

Technical Data Sheet  
NTL TDS 094-1.3  
February 2026



## SILICONE OIL SILL TECH OIL 50cst

### Product Overview

*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.*

*Its low viscosity makes it ideal for application needing light coatings or drier finishes*

### 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.

### 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	50 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



[www.newtechlubes.com](http://www.newtechlubes.com)

**New  
Tech  
Lubes  
Limited**

Unit 3 & 4  
Harrison Drive Ind Est  
Workshop, Nottinghamshire  
UK, S81 9RL

t. 01909 730900  
f. 01909 730909  
e. [info@newtechlubes.com](mailto:info@newtechlubes.com)  
w. [www.newtechlubes.com](http://www.newtechlubes.com)

