

# Unisil liquid PMS - 500

## Dimethyl silicone liquid

### Description

It is a linear non-reactive polydimethylsiloxane.

### Characteristics

- High thermal, chemical, oxidative and radiation resistance of the structure in a wide range of temperatures;
- the ability to reduce adhesion, impart hydrophobicity, to maintain efficiency and properties at extreme and rapidly changing temperatures or high humidity;
- high degree of compressibility and stability at high pressures;
- dielectric properties;
- bioinertness and chemical inertness;
- elasticity, durability, environmental friendliness.

### Storage

Store in original containers in a dry, cool, ventilated place, away from sources of ignition and high temperatures. Protect from direct sunlight.

Store away from strong oxidizers.

The shelf life in the original container is 36 months.

Storage over the date specified on the label does not necessarily mean the product is unusable. In case if store more please check the properties of product before use.

### Applications

- Damping fluid.

### How to use

Due to the large variety of applications, no general information can be provided. You can obtain oils of various non-standard viscosities by mixing silicone oils of different standard viscosities.

### Packing

- Polymer canisters 20 dm<sup>3</sup>;
- polymer or steel containers up to 100 dm<sup>3</sup>;
- polymer or steel barrels of 200 or 275 dm<sup>3</sup>;
- polymer containers - 1 m<sup>3</sup>.

### Safety instructions

Safety information is not included in this document. Please see comprehensive instructions in the relevant safety data sheet for the product. It can be provided upon request by the Unisil Hungary Kft. representative office or printed from the Unisil Hungary Kft. website [www.unisil.eu](http://www.unisil.eu).

## Product specification

<b>Appearance</b>	Colorless clear liquid without visible impurities
<b>Kinematic viscosity at (25,0±0,5) °C, mm<sup>2</sup>/s</b>	500±25
<b>Density at (25,0±0,5) °C, g/cm<sup>3</sup></b>	0,962 – 0,972
<b>Refractive index (25 °C)</b>	1,4020 – 1,4040
<b>Flash point in open cup, °C</b>	≥315
<b>Volatile (2g, 150 °C, 2 hours), %</b>	≤1

For more information please contact your nearest representative of Unisil Hungary Kft.

### LIMITED WARRANTY

### PLEASE READ CAREFULLY

The information contained herein is accurate, but it does not relieve the customer from the control of each batch of products supplied. Since the conditions and methods of use of our products are beyond our control, the recommendations contained in this document should be updated by the client providing preliminary tests. Recommendations for use should not be construed as a guarantee of product suitability for a particular purpose. Unisil Hungary Kft. warrants only that the product meets its specifications in effect at the time of delivery.