

# FLUID MS

## SILICONE OIL

### Characteristics

Chemical composition:	polidimetylsiloxane.
Colour:	colourless.
Viscosity:	50-5.000 cSt at 25°C.
Density:	0.93 - 0.97 at 25°C.
Cubic dilation:	volume at 150°C/volume a 25°C < 1.12.
Volume reduction [1000 cst]:	9.5% a 1750 Kg/cm <sup>2</sup> .
Solidification point:	- 65 - 40°C.
Volatile:	[>100 cst]:< 3% after 48 hours at 200°C.
Thermal stability:	until 150°C (without air 200°C).
Inflammability point:	[ >250 cst]: ca 315°C.
Surface tension:	20 - 21 dine cm.
Specific warmly:	0.35 - 0.37 from 0 to 100°C.
Thermal conductivity:	ca 3.5 x 10 cal cm sec °C
Refraction index:	1,400 - 1.403.
Resistivity:	ca 10 ohm cm.
Dielectric resistance:	10-20 KV/mm.
Dielectric constant:	[1000 cst]: 2,8.
Lose point:	tg = 0.001 until at 10° Hz.
Viscosity- temperature measure:	0,57 - 0,61.
Physiological property:	not toxic.
Solvent free	

### Description

It is a product who finds application in many process and sectors; for example:  
Softener agent and sliding for leather, releasing agent in plastic and rubber production, lubricant dielectric for transformer, hydraulic fluid, anti-adhesive, polishes additive.

### Packaging

Drum of kg 25-50-200  
IBC Plastik Tanks 1000Kg  
Product Code 55250/50

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### Head office and Production

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### Production since 1957

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