

SILICONE OIL I-4

Synthetic oil for micromechanics



Description

Rather viscous silicone oil, exhibiting good lubricity with respect to silicone standard oils. This lubricant exhibits exceptional stability and an excellent phase separation with regards to water. It is ideal for high temperature applications requiring sufficient lubricity.



Technical features (indicative values)

Appearance	Pale green
Viscosity at 0°C	3100 cSt
Viscosity at 20°C	1000 cSt
Viscosity at 40°C	405 cSt
Pour point	-40 °C
Density at 20°C	1.257 g/ml
Refraction index at 20 °C	1.383
Acidity	0.5 mg KOH / g

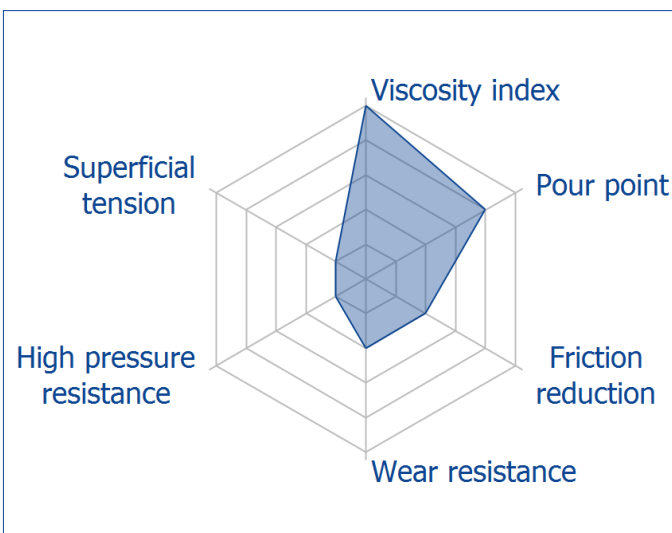
Unctuousness / Lubricity	
Viscosity / Texture	
Ageing resistance / Stability	
Adhesion / Grip	
Compatibility	Metals and polymers
Application	High temperature
Shelf life	6 years
Temperature range	-35 °C to +200 °C

Application fields

High temperature silicone oil to be used for :

- Precision micromechanics (watch, timer, measuring devices, tools, ...)
- Instrumentation and counters (automotive, aeronautic, naval,...)
- Cameras and optical instruments
- General mechanics (office equipment, fans,...)
- Sealant, anti-vibration and anti-noise. Ideal to facilitate positioning (O-ring, seals, mechanical and electronic instruments)

Radar chart



Storage

We advise keeping Moebius products in their original packaging in a clean and dry place, protected from light, ideally at a temperature of 15 to 26 °C.

After opening we recommend keeping the products for a maximum of 12 months.

