

MOLYDUVAL

Silo P 1000



Silicone Lubrication Oil

A special phenyl silicone oil-based lubricating oil characterized by high thermal stability and virtually constant viscosity. It is highly water-repellent, oxidation-stable, and exhibits low evaporation. It has low evaporation and good solubility in many organic solvents, such as mineral oil, aromatics, and aliphatics. It possesses low surface tension (high spreading force) and good lubricating properties in metal-plastic pairings. Due to its low volatility and flammability, this oil is particularly suitable for use in high-temperature oil baths, as well as for specialty lubricants, including those used in electronics. It is also found in high-temperature hydraulic systems, inertial guidance systems, sensitive timing devices, photographic equipment, as damping fluid for measuring instruments and fluid springs, in special shock absorbers, and in load cell applications. Compared to dimethyl silicone fluids, its lubricity, oxidation resistance, thermal stability, and shear strength are improved.

Characteristics

- water refusing
- high viscosity index
- excellent extreme pressure ability
- good oxidation resistance
- harmless to health
- low surface tension
- odor less

Applications

- for anti-friction and sleeve bearings with plastic parts, f..e. for seat movement in automotive
- as high-capacity dielectric in capacitors and transformers
- for producing cosmetics
- for plain bearings in precision engineering, music and household equipment
- for small gear boxes with plastic gears
- for bearings in mechanical ignition systems, instruments, counters
- as lubricant for rubber, latex, and plastics
- as heat transfer media and chromatographic stationary phases.
- as power transmission and damping fluid

Technical Datas

Color		Color transparent
Viscosity 40°C	mm ² /s	1000
Density 40°C	kg/m ³	1070
Flash Point COC	°C	285
Pack Size bottle 1 l		+
Pack Size can 5 l		+
Pack Size drum 60 l		+
Pack Size drum 200 l		+
Customs tariff number		340399

For further information, please see our website <https://www.solano-industries.com>

The content of this manual is based on our current knowledge and experience in the development and manufacture of lubricants. Because of the complexity of tribological systems, the effect of our products depends on many parameters, which we cannot assess and which influence we cannot evaluate. For this reason general statements about the function of our products are not possible. The information in this manual, therefore, contains non-binding guidelines, which should give the technical trained reader information on possible applications. The information in this manual does not include property assurances or warranties or guarantees to the properties or suitability of this product in a specific application. Prior to its use it is absolutely necessary to test this product in the application to ensure that the product and its use is safe, economical and fully suitable. It should proceed with due diligence. We reserve the right to change the information in this manual at any time and without notice. All previous versions of this manual are no longer valid. Updating : 25.02.2026