



Performance Silcon

ISO VG 100 methyl phenyl silicone fluid

Description

Performance Silcon is a phenyl-based silicone for a wide range of applications and uses. These silicones possess high oxidative and thermal stability and are very resistant to shear thanks to their formulation. At higher temperatures, methyl phenyl fluids are more stable and resistant to thermal degradation and oxidation. Because this, the product can be used to transfer heat; heat conductivity is relatively constant over a wide range of temperatures.

Applications

Hydraulic valves and instruments used in nuclear plants and other applications where radiation exposure exists. The high

compressibility of these fluids makes them ideal for use in shock absorbing and motion dampening applications. Perfectly suitable as release fluid in injection moulding machines.

Benefits

- Anti corrosive
- Excellent radiation resistance
- Heat resistant
- High flash point
- Exceptional high-temperature stability during continuous use up to 250 °C
- Suitable for low temperature applications down to -50 °C
- Low volatility