

VS702 SILICONE OIL

TYPICAL CHARACTERISTICS

VS702 (Phenyl Methyl dimethyl cyclosiloxane) provides a drop in replacement for popular products such as DC 702, where ultimate vacuum and pumping speeds are of prime importance. Extensively used in heat treatment and investment casting applications where high autoignition temperatures are desirable. Silicone 702 provides exceptionally high resistance to oxidation and thermal stability when compared with mineral diffusion pump oils.

Saturated Vapour Pressure @ 25°C	2.5 X 10 ⁻⁶ Mbar.
Mid Range Boiling @ 5.0 X 10 ⁻¹ Mbar	180°C
Molecular Weight (estimated)	530g/mol.
Flash Point	195°C
Pour point	<-20 °C
Viscosity @ 25°C	45cst
Specific Gravity @ 25°C (Density)	1.07
Colour	Chiaro (acqua) / paglierino tinta gialla
Oil Type: Silicone Oil	Phenyl Methyl dimethyl cyclosiloxane