

VS704 SILICONE OIL

Typical characteristics

VS704 (Tetramethyl tetraphenyl trisiloxane)) is a linear compound providing excellent resistance to oxidation, with fast pump down times to its ultimate working pressure. Extensively used in heat treatment and investment casting applications where a high auto-ignition oil temperature is desirable. VS704 provides exceptionally high resistance to oxidation and thermal stability when compared with mineral diffusion pump oils.

Nearest Dow Corning equivalent is DC704.

Saturated Vapour Pressure @ 25°C	3,0 X 10 ⁻⁸ Mbar.
Mid Range Boiling @ 5.0 X 10 ⁻¹ Mbar	215 °C
Molecular Weight (estimated)	484 g/mol.
Flash Point	Min 210 °C
Pour point	<-20 °C
Viscosity @ 25°C	39 cst
Specific Gravity @ 25°C (Density)	1.07
Colour	White / colorless clear liquid
Oil Type: Silicone Oil	Tetramethyl tetraphenyl trisiloxane