

**Comparison  
FT704 and DC704  
Fil-Tech, Inc.**

<b>Properties</b>	<b>DC704</b>	<b>FT704</b>
Ultimate Vacuum, torr, Untrapped	10-7 to 10-8	10-7 to 10-8
Trapped	to 10-11	to 10-11
Extrapolated vapor pressure, Torr 25C (77F)	2 x 10-8	2 x 10-8
Specific Gravity at 25C (77F)	1.07	1.1
Viscosity at 25C (77F), cSt	39	Appr 40mm <sup>2</sup> /s cSt
Flash Point, open cup, C (F)	221 (430)	220C
Boiling Point, at 0.5 Torr, C (F)	215 (419)	225C
Typical Boiler Temperature, C (F)	220 (428)	225C
Surface Tension, dynes/cm	37.3	37.3
Heat of Vaporization, kcal/g mole	25.5/200C (392)	23.5 3/g
Molecular Description	Tetramethyltetraphenyltrisiloxane	Tetramethyltetraphenyltrisiloxane
Molecular Weight	484	484
Vapor Pressure Equation	A = 11.025	A = 11.025
Log 10 P = A-B/T	B = 5570	B = 5570
(P = Vapor pressure, Torr; T = absolute temperature, K)		