

Insulating Oil 1730



Properties		Tested According to	
Density (20°C)		0,91 g/cm ³	DIN 51 757
Pour Point		< -10°C	DIN ISO 3016
Viscosity	at 20°C at 40°C at 90°C	11.000 mPa * s 1.800 mPa * s 100 mPa * s	(Brookfield)
Flash Point (COC)		> 200°C	DIN ISO 2592
Shrinkage	100°C - 20°C	< 5 %	VDE 0291
Ash		< 0,02 %	DIN EN 7
Dissipation Factor tan δ	at 20°C at 50°C at 75°C	< 0,0002 < 0,0005 < 0,0015	DIN 53 483
Volume Resistivity	at 20°C at 50°C at 90°C	1,0 x 10 ¹⁴ Ω cm 1,0 x 10 ¹³ Ω cm 1,0 x 10 ¹² Ω cm	VDE 0303 Part 4
Dielectric Constant ε	at 20°C at 50°C at 75°C	2,3 - 2,5 2,3 - 2,5 2,3 - 2,5	VDE 0303 Part 4
Dielectric Strength	(2,5 mm)	> 50 kV	DIN 57 370
Pouring Temperature		110 - 130°C	recommendation