



Vacutop FLX

Fluorinated vacuum pump fluid

Description

Vacutop FLX is a non-flammable, colourless and odourless PFPE oil for high vacuum pumps. The fluid is totally inert, both physically and chemically, in applications operating in the presence of aggressive agents such as certain liquid or gaseous products (except fluorinated solvents) and thermal and ionising radiation. When exposed to these circumstances, the product will not explode, catch fire nor it will react or form gummy or solid deposits.

Compatibility

Vacutop FLX is safe to use with all metals, plastics, leather, elastomers and seal

Typical performance data

	Test method	FLX 46	FLX 60
Kinematic viscosity, cSt			
• @ 40 °C	ASTM D445	46	-
• @ 50 °C		-	16
Density @ 20 °C, g/cm ³	ASTM D-1298	1.9	1.88
Vapour pressure @, torr			
• 20 °C	Knudsen	1x10 ⁻⁷	4x10 ⁻⁷
• 100 °C		2x10 ⁻⁴	1x10 ⁻³
Pour point, °C	ASTM D97	-40	-60

materials. Because of its excellent compatibility with all kinds of rubber and plastic parts, the product is extremely suitable for the semiconductor industry as it is able to handle aggressive chemicals and high temperatures extremely well.

Applications

The product is designed for the lubrication of vacuum pumps operating under high pressure. Vacutop FLX is suitable for the lubrication of all bearings, sliding bearing chains or joints operating under high temperatures or aggressive conditions capable of altering conventional lubricants.