



Vacutop FLX 70

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 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.

Typical performance data

	Test method	FLX 70
Kinematic viscosity @ 40 °C, cSt	ASTM D-445	71.6
Kinematic viscosity @ 100 °C	ASTM D-445	9.47
Viscosity Index	ASTM D-2270	110
Density @ 20 °C, g/cm ³	ASTM D-1298	1.9
Pour point, °C	ASTM D97	-40
Oil volatility (22h @ 149°C), %	ASTM D-2595	2
4-ball test, scar diameter (1h 40kg @ 75°C), mm	ASTM D-4172	0.4
Working temperature range	-	-35 to 180

All performance data on this Technical Data Sheet are indicative only and can vary during production

Matrix Specialty Lubricants BV - info@matrix-lubricants.com - www.matrix-lubricants.com