TECHNICAL DATA SHEET

AIMOL Vacutech Fluor

Fluorinated vacuum pump fluid

DESCRIPTION

AIMOL Vacutech Fluor 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

AIMOL Vacutech Fluor is safe to use with all metals, plastics, leather, elastomers and seal materials. Because of it's 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**. AIMOL Vacutech Fluor** 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 FIGURES

	Test method	60	260
Kinematic viscosity, cSt	ASTM D445		
• @ 50 °C		16	53
• @ 100 °C		4.4	11
• @ 200 °C		1.2	2.2
Density @ 20 °C		1.88	1.92
Vapour pressure @, torr	Knudsen		
• 20 ºC		4x10-7	2x10-7
• 50 ºC		1x10-5	3x10-6
• 100 ºC		1x10-3	1x10-4
• 200 ºC		5x10-1	1x10-2
Pour point, ºC	ASTM D97	-60	-51
Volatility @ 22 hr, 121 ºC, %	ASTM D2595	7,3	< 1

TECHNICAL DATA INFO LINE

Should you require additional information or advice on AIMOL products, please contact us as per the details below.

HEALTH AND SAFETY

AIMOL Vacutech Fluor has no adverse health effects provided it is used as directed.

DISCLAIMER

Typical figures as indicated may vary per production cycle and can change at manufacturers' option. Specifications, however, are guaranteed. Because of continuous product research and development, the information within this data sheet is subject to change without any notification. Although every effort is made to ensure accurate information, A.I.M. bv accepts no liability for any loss or damage suffered caused by the incorrectness and/or incompleteness of this text, and as a result of using this product for any application other than explicitly stated in this data sheet.

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