

Gemini[®] PFPE Vacuum Pump Oils VPO-14X

Introduction:

VPO-14X are Perfluoropolyether fluids, they are nontoxic, nonflammable, biologically inert, compatible with metals, plastics and elastomers, unaffected by common solvent and water, high density, low surface tension, resistance to chemicals.

Typical Properties:

	Method	Conditions	Units	VPO-1418	VPO-1425	VPO-1427	VPO-1433
Average Molecular Weight	NMR		amu	1800	2500	2700	3300
Vapor Pressure	Knudsen	25°C	torr	8×10^{-7}	1×10^{-7}	9×10^{-8}	6×10^{-8}
		100°C		3×10^{-3}	2×10^{-4}	2×10^{-4}	6×10^{-5}
Kinematic Viscosity	ASTM D445	20°C		64	148	168	276
		40°C		25	51	58	89
Pour Point	ASTM D97		°C	-50	-45	-45	-35
Surface Tension	ASTM D1331	20°C	dyne/cm	21	22	22	22
Heat of Vaporization		200°C	cal/g	11	8	8	7
Volatility at 22 hr	ASTM D2595	120°C	%	2.8			
		149°C			2.6	3.9	0.6
Density		20°C	g/ml	1.88	1.89	1.89	1.9

VPO-14X Applications:

VPO-14X vacuum pump oils serve in many industries applications

Chemical industry, electrical industry, scientific instruments, precision mechanics, utility goods and commodities

Incandescent lamp and electron tube production, refrigeration industry, plastic industry

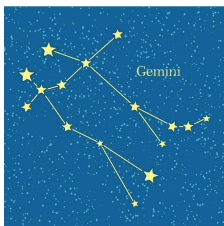
Medical research, metallurgical industry, food processing, optical industry, pharmaceutical industry

Toy and jewelry industry, textile industry, nuclear engineering, automobile industry, research and development

Attentions:

- . Do not mix oils of different types. Thoroughly remove old oils before applying. We suggest use our PFS-190 as PFPE oils cleaning agent.
- . During processing, wear protection clothes, be careful of eye、 skin contact.
- . Keep the container sealed and store in cool、 well ventilated locations, shelf life 10 years.

Packaging/Transport: 10Kg,25Kg,50Kg plastic container. Not classified as dangerous in the meaning of transport regulations.



www.weissbonya.com

Hunan Weiss Bonya Co., Ltd

Email: Weissbonya@gmail.com