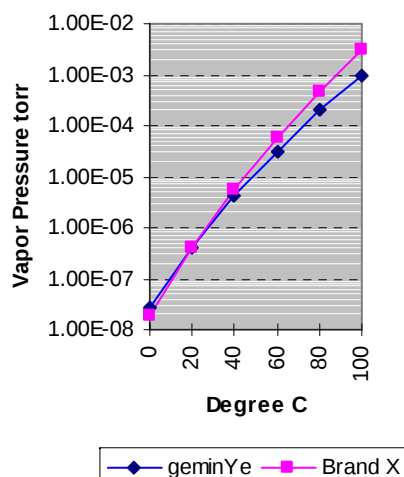


QUALITY PERFORMANCE

Inland **geminYe**[®] perfluoropolyether (PFPE) family of lubricants are non-flammable, chemically inert and thermally stable. **geminYe**[®] fluids have excellent lubricity properties and are available in viscosity grades suitable for use in all vacuum pumps. When used with proper filtration, **geminYe**[®] fluids provide exceptionally long service life.

- ◆ Low vapor pressure
- ◆ Oxygen compatible
- ◆ Non-Flammable
- ◆ Solvent resistant
- ◆ Low relative weight loss
- ◆ Chemically inert
- ◆ CFC-free ----- Ozone friendly
- ◆ High thermal stability
- ◆ High dielectric properties
- ◆ Good radiation stability
- ◆ No flash or fire point
- ◆ Excellent compatibility with metals, pastics, elastomers
- ◆ Reclaimable
- ◆ Made in the USA

geminYe vs. Brand X



◆ This graph represents typical properties based on performance

GOT YOU COVERED

INLAND **geminYe**[®] PFPE Oil SPECIFICATIONS

geminYe[®] PFPE inert mechanical pump fluids

PROPERTY	geminYe [®] 06	geminYe [®] 14	geminYe [®] 16	geminYe [®] 25	geminYe [®] SV
VAPOR PRESSURE @ 20° C	4 x 10 ⁻⁷ torr	2 x 10 ⁻⁷ torr	2 x 10 ⁻⁷ torr	1 x 10 ⁻⁷ torr	5 x 10 ⁻⁹ torr
VAPOR PRESSURE @ 100° C	1 x 10 ⁻³ torr	1 x 10 ⁻⁴ torr	2 x 10 ⁻⁴ torr	3 x 10 ⁻⁵ torr	2 x 10 ⁻⁵ torr
VISCOSITY @ 20° C	62 cSt	142 cSt	168 cSt	261 cSt	200 cSt
POUR POINT	-60° C	-54° C	-45° C	-48° C	-38° C
FLASH POINT	none	none	none	none	none
FIRE POINT	none	none	none	none	none
DENSITY @ 20° C	1.88 g/cc	1.89 g/cc	1.89 g/cc	1.90 g/cc	1.90 g/cc
4300					

geminYe[®] PFPE inert fluids are also available with antirust protection. **geminYe**[®] 06RP, 14RP, 16RP, 25RP, SVRP, all have the same properties of the standard fluids listed above. The additive enhances the performance of **geminYe**[®] RP oils, giving them long-term antirust properties repel moisture, providing extra protection from corrosion of metal parts and bearing surfaces.

geminYe[®] PFPE inert diffusion pump fluids

PROPERTY	geminYe [®] 18-8	geminYe [®] 25-9
VAPOR PRESSURE @ 20° C	2 x 10 ⁻⁸ torr	2 x 10 ⁻⁹ torr
VAPOR PRESSURE @ 100° C	2 x 10 ⁻⁴ torr	2 x 10 ⁻⁵ torr
VISCOSITY @ 20° C	180 cSt	270 cSt
POUR POINT	-42° C	-35° C
FLASH POINT	none	none
FIRE POINT	none	none
DENSITY @ 20° C	1.89 g/cc	1.90 g/cc

