

Fomblin® vacuum pump fluids are non-flammable, chemically inert and thermally stable. When used with proper pump filtration, Fomblin® PFPE fluids provide exceptionally long service life, have excellent lubricity properties and are available in viscosity grades suitable for use in all vacuum pumps. Fomblin oils are also used on any oil sealed rotary vane vacuum pump used for pumping pure oxygen. Fomblin is available as new in four grades. Fomblin oil is also an exact equivalent to the Krytox products.



FEATURES

- Low vapor pressure
- Chemical inertness
- Non-flammability
- Low toxicity
- Low volatility
- Good aqueous and non-aqueous solvent resistance
- High dielectric properties
- Low surface tension
- Environmentally friendly

APPLICATIONS

- High vacuum applications
- Semiconductor manufacturing
- Corrosive gasses and acids
- Oxygen enriched atmospheres
- Harsh chemicals
- Metals, plastics and elastomers
- Vacuum pump sealing or working fluids

SPECIFICATIONS

	LVOF066	LVOF146	LVOF166	LVOF256
FOMBLIN FLUID TYPE	Y06/6	Y14/6	Y16/6	Y25/6
KRYTOX EQUIVALENT	1506	1514	1516	1525
VAPOR PRESSURE @ 25°C	3x10 ⁻⁶ Torr	2x10 ⁻⁷ Torr	2x10 ⁻⁶ Torr	4x10 ⁻⁸ Torr
BOILING RANGE	>250°C	>250°C	>250°C	>250°C
VISCOSITY @ 20°C	64 cSt	148 cSt	168 cSt	276 cSt
VISCOSITY @ 100°C	4 cSt	7.5 cSt	8.6 cSt	10 cSt
POUR POINT	-50°C	-45°C	-45°C	-35°C
FLASH POINT	None	None	None	None
FIRE POINT	None	None	None	None
DENSITY	1.88 g/mL	1.89 g/mL	1.89 g/mL	1.90 g/mL

To convert kilograms of FOMBLIN to quarts, multiply by 0.56.