Fomblin® Y LVAC 14/6
perfluoropolyether

Fomblin® Y PFPE perfluoropolyether fluids have the following unique features:

- Low vapor pressure
- Chemical inertness
- High thermal stability
- Good lubricant properties
- No flash or fire point
- Non-toxicity
- Excellent compatibility with metals, plastics, elastomers
- Good aqueous and non-aqueous solvent resistance
- High dielectric properties
- Low surface tension
- Good radiation stability
- Environmentally acceptable

General

Material Status	• Commercial: Active	
Availability	• Africa & Middle East • Asia Pacific • Europe	• Latin America • North America
Features	• Chemical Resistant • High Density	• High Heat Resistance
Forms	• Liquid	

Physical	Typical Value	Unit	Test method
Average Molecular Weight	2500	amu	
Density (20°C)	1.89	g/cm³	ASTM D4052
Evaporation Weight Loss - 22 hrs (149°C)	2.6	wt%	
Kinematic Viscosity (20°C)	148	cSt	ASTM D445
Surface Tension (20°C)	22	dyne/cm	
Vapor Pressure			
25°C	1E-7	torr	
100°C	2E-4	torr	
Viscosity Index	97.0		ASTM D2270

Thermal	Typical Value	Unit	Test method
Heat of Vaporization (200°C)	8.00	cal/g	
Pour Point	-45	°C	ASTM D97

Notes

Typical properties: these are not to be construed as specifications.

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Safety Data Sheets (SDS) are available by emailing us or contacting your sales representative. Always consult the appropriate SDS before using any of our products.

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