

Fomblin® Y HVAC 140/13

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
Density (20°C)	1.92	g/cm ³	ASTM D891
Average Molecular Weight	6600	amu	
Kinematic Viscosity			ASTM D445
20°C	1508	cSt	
100°C	32.0	cSt	
200°C	5.00	cSt	
Surface Tension (25°C)	20	dyne/cm	

Thermal	Typical Value	Unit	Test method
Heat of Vaporization (200°C)	5.00	cal/g	
Pour Point	-23	°C	ASTM D97
Specific Heat Capacity (38°C)	0.240	cal/g	

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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