



Fomblin® M100

perfluoropolyether

Fomblin® M perfluoropolyether fluids have the following unique features:

- Excellent viscosity index
- Excellent low temperature torque values
- Very good extreme pressure (EP) characteristics
- Very low evaporative loss properties
- Good thermal stability

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	21900	amu	
Density (20°C)	1.87	g/cm ³	ASTM D891
Evaporation Weight Loss ¹ (204°C)	0.3	%	ASTM D2595
Kinematic Viscosity			ASTM D445
20°C	1300	cSt	
40°C	700	cSt	
100°C	200	cSt	
Surface Tension (20°C)	25	dyne/cm	
Viscosity Index	384		ASTM D2270
Thermal	Typical Value	Unit	Test method
Pour Point	-50	°C	ASTM D97

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Additional Information

Typical Value Unit

Approximate ISO Grade

680

Notes

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

¹ 22 hr

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Progress beyond

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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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