



Technical Data Sheet

Fomblin® W800

perfluoropolyether

Fomblin® W perfluoropolyether fluids have the following unique features:

- Good low to high temperature performance
- Very good viscosity index
- Low to high temperature stability
- Low evaporative loss

General

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

Physical

	Typical Value	Unit	Test method
Average Molecular Weight	7400	amu	
Density (20°C)	1.90	g/cm ³	ASTM D891
Evaporation Weight Loss ¹			ASTM D2595
149°C	0.1	%	
204°C	0.5	%	
Four Ball Wear Test ² (75°C)	1.1	mm	ASTM D4172
Kinematic Viscosity			ASTM D445
20°C	800	cSt	
40°C	277	cSt	
100°C	41.0	cSt	
Viscosity Index	204		ASTM D2270

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Thermal	Typical Value	Unit	Test method
Pour Point	-39	°C	ASTM D97

Notes

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

¹ 22 hr

² 1 hr, 1200 rpm, 40 kg

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Progress beyond

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