Fomblin® M15
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	9700	amu	
Density (20°C)	1.83	g/cm³	ASTM D891
Evaporation Weight Loss [1]			ASTM D2595
149°C	0.8	%	
204°C	3	%	
Four Ball Wear Test [2] (75°C)	0.92	mm	ASTM D4172
Kinematic Viscosity			ASTM D445
20°C	150	cSt	
40°C	90.0	cSt	
100°C	27.0	cSt	
Surface Tension (20°C)	24	dyne/cm	
Viscosity Index	329		ASTM D2270

Thermal	Typical Value	Unit	Test method
Pour Point	-75	°C	ASTM D97

Additional Information	Typical Value	Unit
Approximate ISO Grade	100	

Notes

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

[1] 22 hr

[2] 1 hr, 1,200 rpm, 40 kg