



## Technical Data Sheet

# Fomblin® M60

## 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	18700	amu	
Density (20°C)	1.86	g/cm <sup>3</sup>	ASTM D891
Evaporation Weight Loss <sup>1</sup> (204°C)	0.4	%	ASTM D2595
Four Ball Wear Test <sup>2</sup> (75°C)	1.21	mm	ASTM D4172
Kinematic Viscosity			ASTM D445
20°C	550	cSt	
40°C	310	cSt	
100°C	86.0	cSt	
Surface Tension (20°C)	25	dyne/cm	
Viscosity Index	343		ASTM D2270

### Thermal

	Typical Value	Unit	Test method
Pour Point	-60	°C	ASTM D97

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## Additional Information

## Typical Value Unit

Approximate ISO Grade

320

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## Notes

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

<sup>1</sup> 22 hr

<sup>2</sup> 1 hr, 1200 rpm, 40 kg



Progress beyond

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