

Fomblin® Y25

perfluoropolyether

Fomblin® Y perfluoropolyether fluids have the following unique features:

- Excellent high temperature stability
- Good low temperature properties
- Very good extreme pressure (EP) and wear characteristics
- Low evaporative loss
- Good thermal index

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	3700	amu	
Density (20°C)	1.90	g/cm³	ASTM D4052
Evaporation Weight Loss ¹			ASTM D2595
149°C	2.0	%	
204°C	15	%	
Four Ball Wear Test ² (75°C)	0.66	mm	ASTM D4172
Kinematic Viscosity			ASTM D445
20°C	250	cSt	
40°C	80.0	cSt	
100°C	10.0	cSt	
Surface Tension (20°C)	22	dyne/cm	
Viscosity Index	108		ASTM D2270

Thermal	Typical Value	Unit	Test method
Pour Point	-35	°C	ASTM D97

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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, 1200 rpm, 40 kg

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