

Fomblin® Z25

perfluoropolyether

Fomblin® Z perfluoropolyether fluids have the following unique features:

- Good low temperature viscosity
- Superior evaporative loss
- Very high viscosity indices
- Very good extreme pressure (EP) and wear characteristics

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
Density (20°C)	1.85	g/cm ³	ASTM D4052
Average Molecular Weight	17100	amu	
Evaporation Weight Loss ¹ (204°C)	0.40	%	ASTM D2595
Four Ball Wear Test ² (75°C)	0.9	mm	ASTM D4172
Kinematic Viscosity			ASTM D445
20°C	223	cSt	
40°C	133	cSt	
100°C	42.0	cSt	
Surface Tension (20°C)	25	dyne/cm	
Viscosity Index	350		ASTM D2270

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

Additional Information	Typical Value	Unit
Approximate ISO Grade	150	

Notes

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

¹ 22 hr

² 1 hr, 1200 rpm, 40 kg

Fomblin® Z25

perfluoropolyether



www.syensqo.com

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.

Neither Syensqo nor any of its affiliates makes any warranty, express or implied, including merchantability or fitness for use, or accepts any liability in connection with this product, related information or its use. Some applications of which Syensqo's products may be proposed to be used are regulated or restricted by applicable laws and regulations or by national or international standards and in some cases by Syensqo's recommendation, including applications of food/feed, water treatment, medical, pharmaceuticals, and personal care. Only products designated as part of the Solviva® family of biomaterials may be considered as candidates for use in implantable medical devices. The user alone must finally determine suitability of any information or products for any contemplated use in compliance with applicable law, the manner of use and whether any patents are infringed. The information and the products are for use by technically skilled persons at their own discretion and risk and does not relate to the use of this product in combination with any other substance or any other process. This is not a license under any patent or other proprietary right.

All trademarks and registered trademarks are property of the companies that comprise the Syensqo or their respective owners.

© 2026 2023 Syensqo. All rights reserved.