Technical Data Sheet

Fomblin® Y-LOX 120

perfluoropolyether

Fomblin® Y-LOX 120 perfluoropolyether fluids have the following unique features:

- Outstanding chemical stability
- Thermal stability
- Lubrication properties

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
Specific Gravity	1.890	g/cm³	
Kinematic Viscosity			
20°C	120	cSt	ASTM D445
40°C	42.0	cSt	ASTM D445
100°C	6.80	cSt	
Surface Tension (25°C)	21	dyne/cm	
Vapor Pressure			
20°C	2E-4	torr	
100°C	5E-2	torr	
Viscosity Index	120		ASTM D2270

Thermal	Typical Value	Unit	Test method
Pour Point	-46	°C	ASTM D97

Additional Information	Typical Value	Unit	Test method
Weight Loss on Heating [1] (120°C)	< 10	°C	ASTM D2595

Notes

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

[1] 22 hr

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Progress beyond

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