



**Table-1:-** Details of geometry and flow conditions

<b>Geometry details</b>	Length of the geometry (L) = 1m
	Height of the geometry (H) = 1m
	Cylinder radius (R) = 0.25m
<b>Fluid Property</b>	Kinematic viscosity of $H_2O$ = $1e-06$ m <sup>2</sup> /s Kinematic viscosity of $D_2O$ = $1.2e-06$ Kinematic viscosity of Cooking Oil = $4.32e-05$ Kinematic viscosity of Motor Oil (SAE 30 oil) = $4.4e-04$ Kinematic viscosity of High viscous fluid (SAE 50 oil) = $1.735e-03$ Kinematic viscosity of Air = $1.48e-05$

**Reference:**

1. Mathematical Modelling and Numerical Investigations on the Coanda Effect by A.Dumitrache, F. Frunzulica and T.C. Ionescu (<http://dx.doi.org/10.5772/50403>)