

Kinematic viscosity

[@wikipedia](#)

Synonym: [Kinematic viscosity](#) = [Momentum diffusivity](#)

A ration of [Dynamic viscosity](#) over [Density](#):

(1)
$$\nu = \frac{\mu}{\rho}$$

where

μ	Dynamic viscosity
ρ	Density

Units:

SI	Oil Metric	Oil Field
m ² /s	m ² /s	m ² /s

See also

[Physics](#) / [Fluid Dynamics](#)

[[Dynamic viscosity](#)]