

w water viscosity Brill & Beggs correlation @model

$$(1) \quad \mu_w(T, p) = \exp(1.003 - 1.479E - 2 * T + 1E - 5 * T^2)$$

where

μ_w	Dynamic viscosity, cp at temperature T and pressure p
μ_{w1}	Dynamic viscosity, cp at temperature T and atmospheric pressure $p = 1$ atm
T	Temperature, °F
p	Pressure, psi
S	Water salinity

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