

w water viscosity Meehan correlation @model

(1) $\mu_w(T, p) = \mu_{w1} \cdot [1 + 3.5 \cdot 10^{-12} \cdot (T - 40) \cdot p^2]$	(2)) $A = -0.04518 + 0.009313 S - 0.000393 S^2$
(3) $\mu_{w1}(T) = A + B/T$	(4) $B = 70.634 + 0.009576 S^2$

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

See Also

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