Dead oil viscosity = od

Dead oil viscosity at atmospheric pressure: p = 1 atm and initial formation temperature:

(1) $$\mu_{od} = \mu_o(p = 1atm, T_i)$$

where

$p = 1$ atm	Fluid pressure at 1 atm
T_i	Initial formation temperature

Although the dead oil may be found in petroleum reservoir under substantial pressure but in reservoir engineering practice the term "dead oil viscosity" usually means viscosity of the live oil which has been brought to atmospheric pressure until full liberation of gaseous components.

See Also

Petroleum Industry / Upstream / Subsurface E&P Disciplines / Fluid (PVT) Analysis / Fluid (PVT) modelling / Oil viscosity