

Cross-phase exchange ratios (Rs and Rv)

Combining term for [Solution GOR](#) R_s and [Vaporized Oil Ratio](#) R_v ratios in [Volatile Oil fluid model](#) which are related to corresponding [cross-phase exchange coefficients](#) as:

$$(1) \quad R_s = \frac{\xi_{Go}}{1 - \xi_{Go}} \frac{\rho_o^o}{\rho_G^o}$$

$$(2) \quad R_v = \frac{\xi_{Og}}{1 - \xi_{Og}} \frac{\rho_G^o}{\rho_o^o}$$

See Also

[Petroleum Industry](#) / [Upstream](#) / [Subsurface E&P Disciplines](#) / [Fluid \(PVT\) Analysis](#)

[Cross-phase exchange coefficients](#)