Relative Oil Mobility

A property characterising agility of the oil under pressure gradient with account of relative permeability and dynamic fluid viscosity:

(1) $$M_{ro}(s) = \frac{k_{ro}}{\mu_o}$$

where

$k_{ro}(s)$	relative formation permeability to oil
μ_o	dynamic viscosity of oil
$s = \{s_\alpha\}$	reservoir saturation $\sum_\alpha s_\alpha = 1$

See also

Physics / Fluid Dynamics / Percolation

Petroleum Industry / Upstream / Subsurface E&P Disciplines / Field Study & Modelling

[Petrophysics] [Basic reservoir properties] [Permeability] [Absolute permeability] [Relative permeability] [Wettability] [Phase mobility] [Relative phase mobilities]