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^۱ دانشجوی کارشناسی ارشد - پردیس دانشکده‌های فنی - دانشگاه تهران
^۲ دانشیار دانشکده مهندسی شیمی - پردیس دانشکده‌های فنی - دانشگاه تهران
^۳ استاد - عضو هیئت علمی سازمان انرژی اتمی ایران
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$(W/O \rightarrow O/W) (O/W \rightarrow W/O)$

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(O/W)

(W/O)

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$(O/W \rightarrow W/O)$

$(W/O \rightarrow O/W)$

$(O/W \rightarrow W/O)$

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$(W/O \rightarrow O/W)$

(w) ()

(o)

(o/w)

$\cdot(w/o)$

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$(w/o \rightarrow o/w)$ $(o/w \rightarrow w/o)$

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(o/w)

(w/o)

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$(o/w \rightarrow w/o)$

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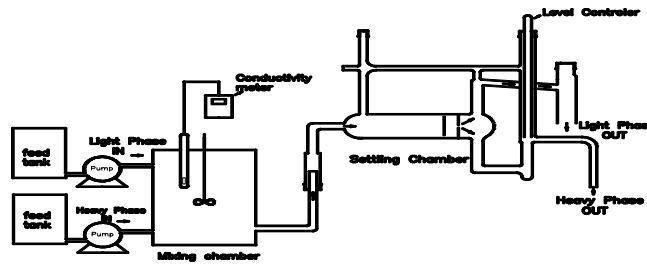
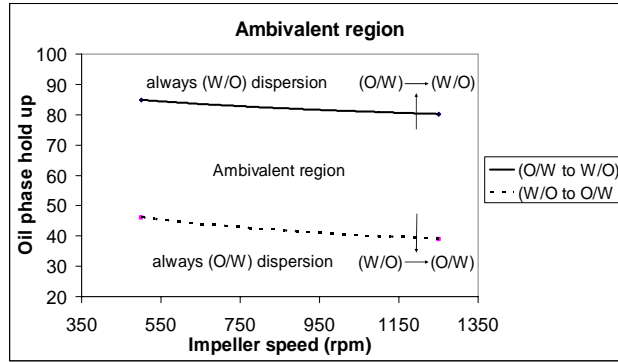
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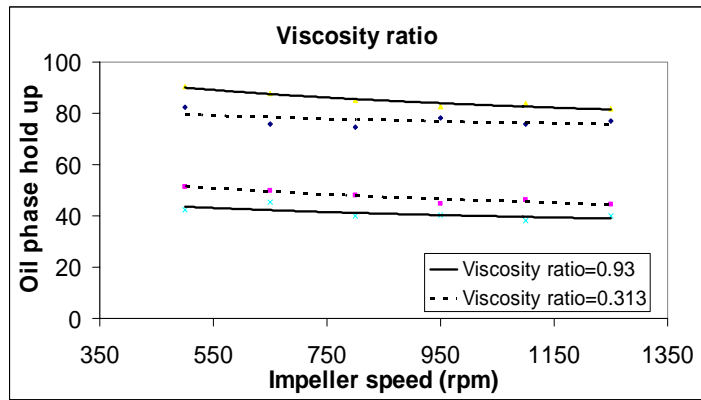
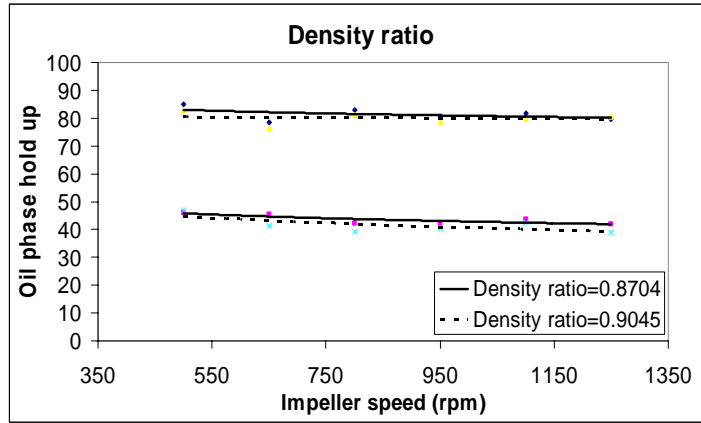
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σ (N/m)	$\lambda = \frac{\mu_d}{\mu_c}$	$\frac{\rho_d}{\rho_c}$	μ_{aq} (Pa.s)	μ_{org} (Pa.s)	ρ_{aq} (kg/m ³)	ρ_{org} (kg/m ³)		
/	/	/	/	/			/	
/	/	/	/	/			/	
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/	/	/	/	/			(+ /)	
/	/	/	/	/			(+)	



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(O/W)

(O/W → W/O)

(W/O)

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(W/O → O/W)

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ρ_d / ρ_c

(O/W)

(O/W → W/O)

(o/w → w/o)

(w/o → o/w)
λ

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()) (/) (/
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(λ = μ_d/μ_c)

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()
() + /) (/

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($\frac{\phi_{d,i}}{1-\phi_{d,i}} = \sqrt{\frac{\mu_d}{\mu_c}}$)

λ

(w/o → o/w) (o/w → w/o)
(o/w → w/o)

(w/o) (o/w)
λ

() (λ))
(w/o → o/w)

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(D₃₂)

(o/w)

λ < 1 (o/w)

λ
(w/o)
()

)λ

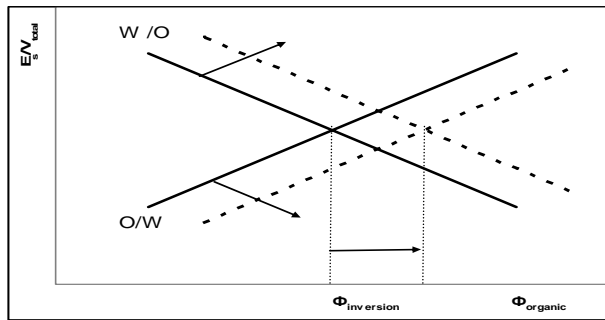
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(o/w)
(w/o)

() ()

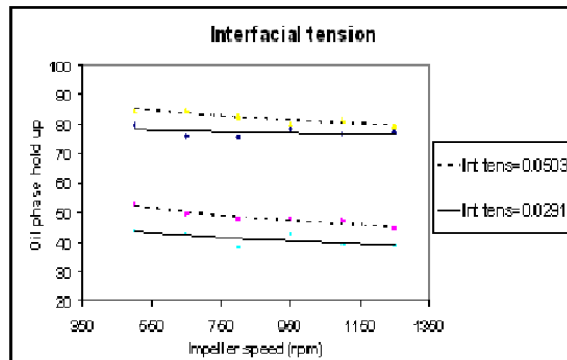
() ()
() $\lambda > 1$ (w/o) ()

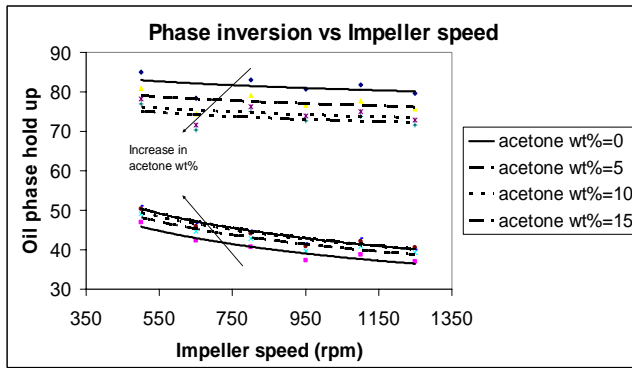
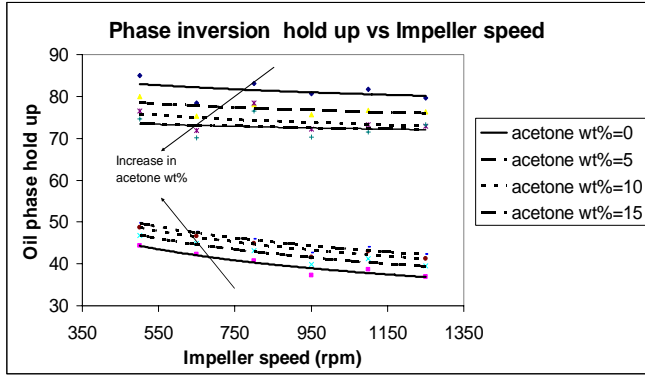
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λ (O/W \rightarrow W/O) λ
 (W/O \rightarrow O/W)
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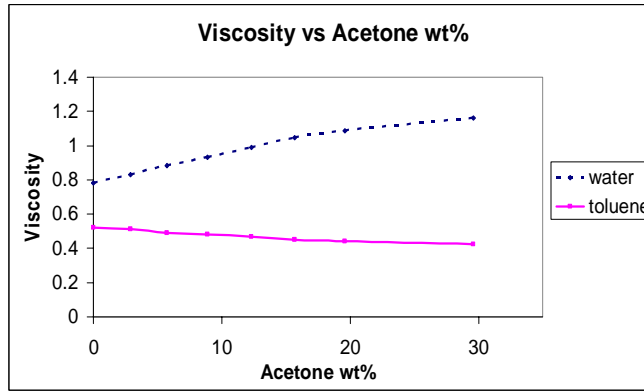
(O/W \rightarrow W/O)

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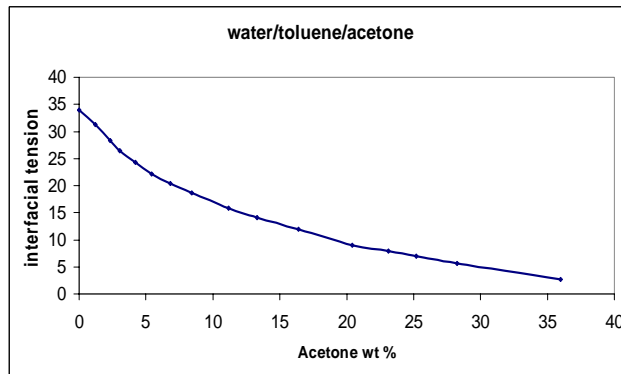
(W/O \rightarrow O/W)

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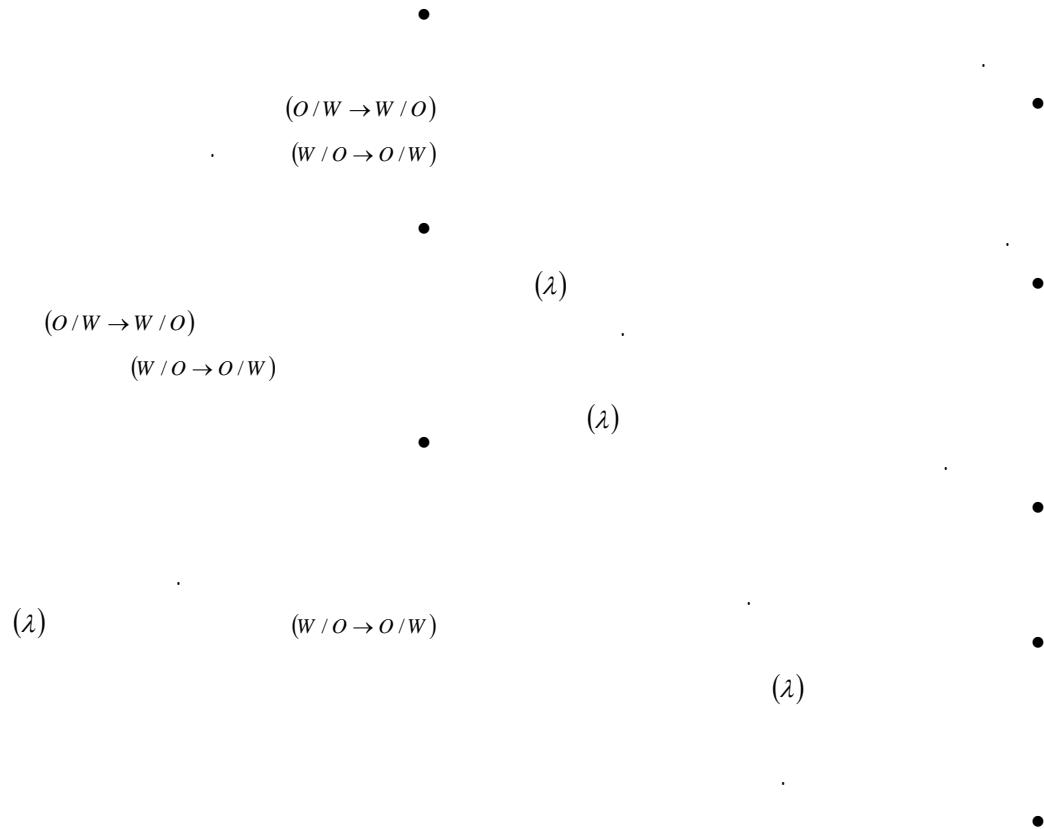
(W/O) (O/W)

(O/W → W/O)

$(\mu_d/\mu_c > 1)$ $(\mu_d/\mu_c < 1)$
 (O/W) $\mu_d/\mu_c < 1$

(W/O → O/W)

(W/O) $\mu_d/\mu_c > 1$



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- 1- Multi Phases
- 2- Dispersed Phase Hold up
- 3- Ambivalent Region
- 4- Hysteresis
- 5- Secondary Dispersion
- 6- Film Drainage
- 7- Deformation
- 8- Electrostatic Interaction
- 9- Conductivity Meter
- 10- Cocurrent
- 11- Yeo et al
- 12- Mobile
- 13- Immobile