

Compliant Wet Sealing

- Current Status
 - Known example of concept
 - Molten Carbonate

Compliant Wet Sealing

- **Development Needs**
 - Identify or develop suitable liquids
 - Determine surface energies
 - Temp/ viscosity relationships
 - Evaporation rates
 - Reservoir microstructure
 - Manufacturability – method of surface treatment – control microstructure
 - Identify surface treatments – wettability
 - Dielectric properties

Compliant Wet Sealing

- Development Approach
 - Microstructure
 - Surface Treatments
 - Temp/ viscosity relations
 - Evaporation rates