Figure: Stribeck curve showing Friction Coefficient (μ) and Film Thickness (h) versus Velocity × Viscosity / Load across three lubrication regimes.

**Friction Coefficient (μ)** (y-axis)

**Film Thickness (h)** (right y-axis)

μ

h

NP Rolling, sliding effects

NP Electroviscous effects

h

NP filling/erosive effects

**I) Boundary Lubrication**    **II) Mixed Lubrication**    **III) Hydrodynamic Lubrication**

Velocity * Viscosity
Load