

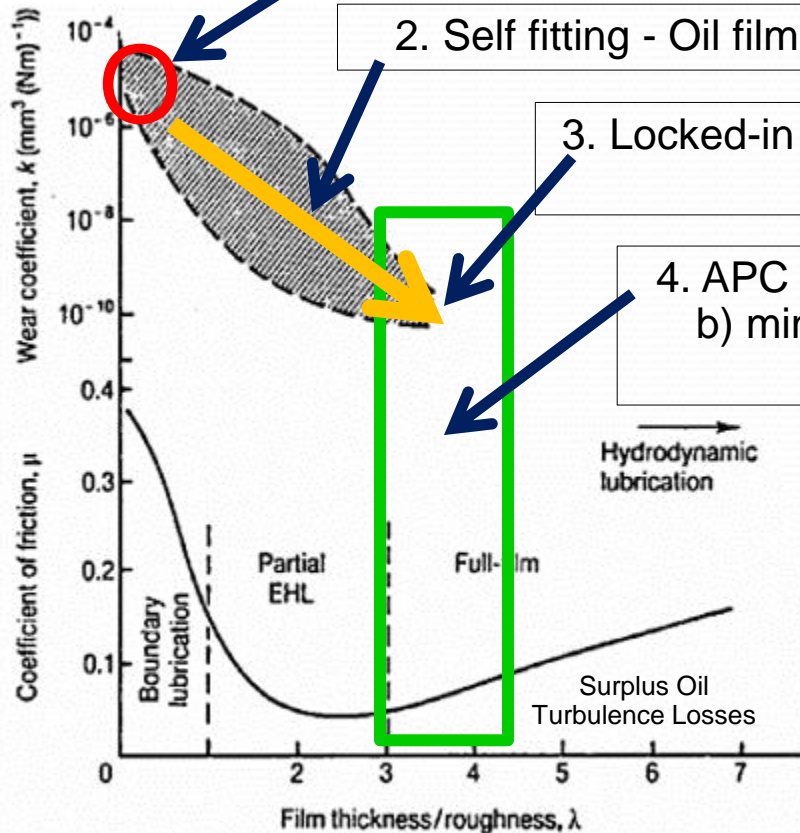
# STRIBECK FITTING In an operating engine APC will find and preserve the lowest friction piston geometry for each bore

1. Build tight across entire skirt. At **start-up**, rapid, friendly wear-in

2. Self fitting - Oil film forms and wear rate asymptotically declines

3. Locked-in geometry - When there is just enough room for a stable oil film, the wear stops

4. APC Piston has: a) minimized secondary motion  
b) minimum oil film thickness for lowest friction  
c) no boundary lubrication



## STRIBECK FITTING™

Final shape is determined at temperature, under load. Friction, wear, and secondary motions of the rotating assembly are minimized. *Engine efficiency and durability are enhanced.*

Figure 2. Lubrication regimes and wear coefficient in sliding of metals, as a function of  $\lambda$  (reproduced from Hutchings, 1992).

source: [www.scielo.br/img/revistas/jbsmse/v29n1/a09fig02.gif](http://www.scielo.br/img/revistas/jbsmse/v29n1/a09fig02.gif)