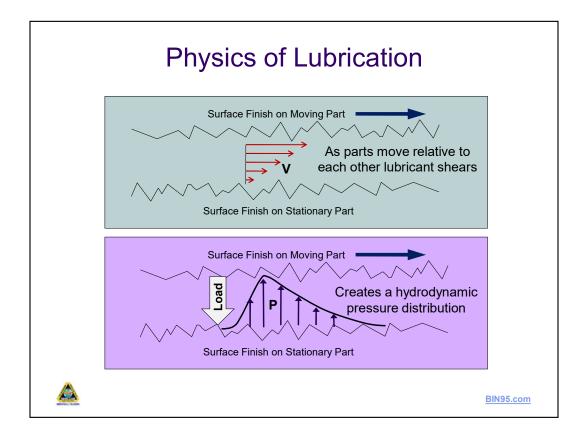
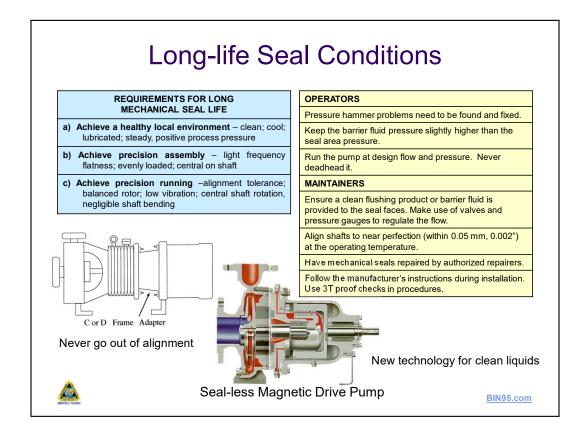


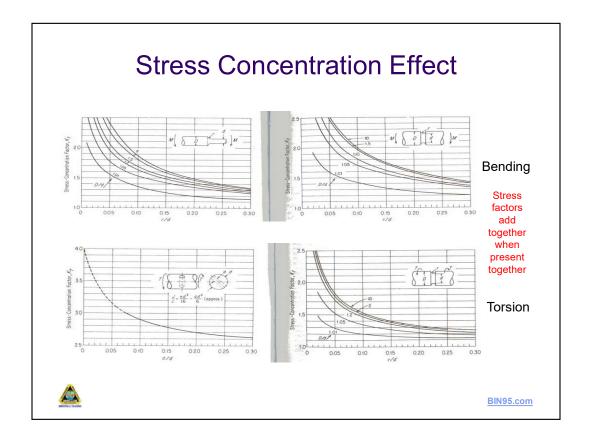
The content for third day of the course is listed in the table



Lubrication theory explains how lubricants work. The model is based on fluid dynamics boundary layer theory. Fluid layers shear because of the different speeds each surface moves at. The shearing action combined with the imposed load carried by the lubricant produces a pressure gradient that forces the two surfaces apart and reduces friction between them.

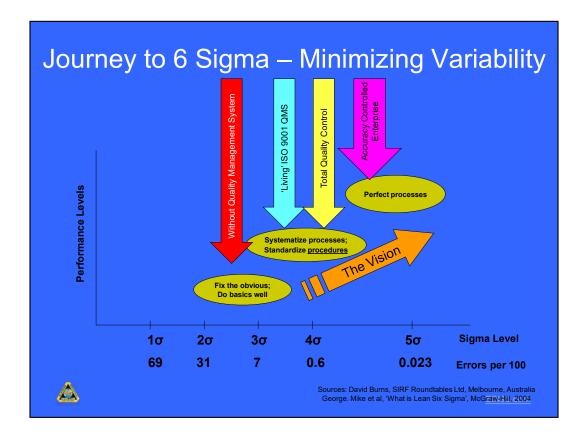


The two tables highlight the various requirements to have a long mechanical seal life. C and D frame adaptors are used to physically connect pumps to their drive motors so they can never go out of alignment. Magnetic drive pumps are seal-less and used for clean liquids.



Introducing changes in diameter or penetrations causes local stresses to rise. The more abrupt and sudden the change, the higher the stresses produced.

Sample from BIN95's Rotating Equipment Reliability Introductory course, day 3.



The slide explains the change in processes needed to

Sample from BIN95's Rotating Equipment Reliability Introductory course, day 3.

