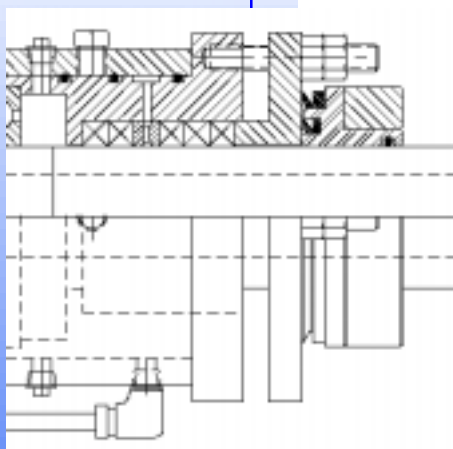




# PRODUCT BULLETIN

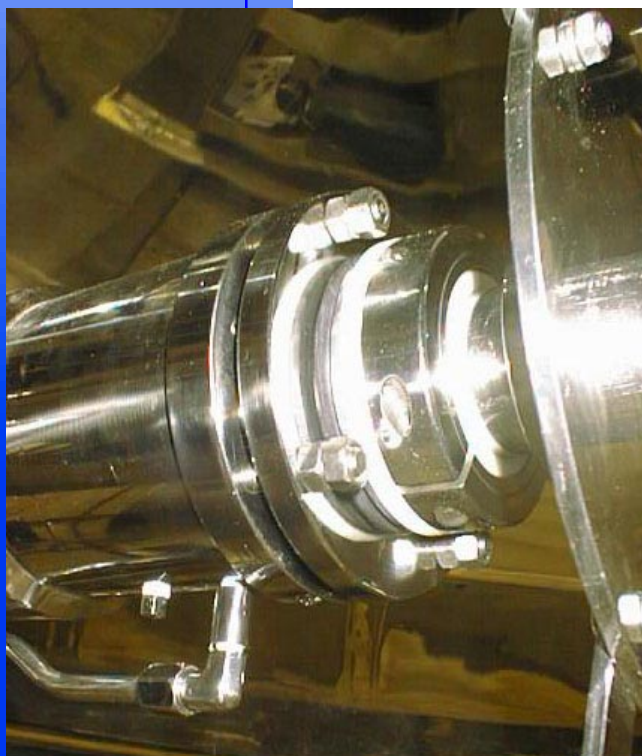
## Gemco Introduces New Severe Application Agitator Air Seal

**Best Defense Against Particle Migration Back Into The Bearing Area, The Leading Cause of Agitator Failure**



Gemco has recently developed a new sealing arrangement for the agitator shaft. The seal modification is a radical departure from the shaft packing approach of other Gemco designs. The sealing surface is moved to perpendicular to the shaft rotation.

A series of concentric face lip seals rotate upon a smooth, polished, replaceable surface. A small gas back pressure is maintained behind the seals to help prevent powder from entering the seal area. The powder path along the shaft will be stopped with a static O-ring between the rotating shaft and the rotating face seal holder.



Essentially the entire arrangement operates similar to an oil slinger on the crankshaft of a car engine that utilizes the radial acceleration of the rotating shaft to help prevent powder from entering the seal area in the first place.

The Agitator Air Seal assembly can be easily retrofit into existing units and installed by your personnel or it can be ordered on new units.

Call Gemco for More Details.