



AS94551B

Applications

Thorough cleaning of the inside of tanks, mixers, and other vessels is critical in many applications. PBM designed the Angle Stem Spray Ball Valve to solve an automotive paint customer's problem. In this application, the vessel had been rinsed from the top by a rotating nozzle, spraying a cleaning fluid that drained to the bottom of the vessel. However, the bottom of the agitator did not become clean. Now, when PBM Angle Stem Spray Ball Valve assemblies are placed on each side of the tank to spray underneath the agitator, the bottom of the agitator can be cleaned at the same time the vessel is being cleaned.

This valve has many possible applications. Other industries that could benefit include pulp & paper, chemical, pharmaceutical, and food & beverage.

Benefits

- ◆ Spray nozzle is **not exposed** to the inside of the vessel. This minimizes the potential for clogging or damage caused either by the process or by scraping the inside tank walls during cleaning or processing.
- ◆ Valve **mounts flush** with the inside vessel wall, minimizing dead space.
- ◆ Valve can be **located anywhere** on the vessel to accommodate specific needs.
- ◆ **Many standard nozzles** can be used in the Angle Stem Spray Ball Valve.
- ◆ Angle Stem Spray Ball Valve allows **actuator clearance** on jacketed or insulated tanks.
- ◆ Easily used while still **maintaining a vacuum**.

Another creative solution by PBM...