



AODD PUMP ADVANTAGES FOR FLAMMABLE LIQUID TRANSFER

Tougher and more rigid guidelines are being established daily for safety in the workplace. To this end, specific *Neoflux* pumps are manufactured for the chemical, petrochemical, and petroleum industries to meet the safety requirements. Specific aluminum and stainless steel, alloy-fitted pumps assembled with Teflon®, Buna® or Viton® elastomers for use in transferring volatile liquid.

WHY *Neoflux* AODD Pump for Oil & Gas Industry OR Flammable Liquids?

- Designed to be powered by compressed air. No electricity needed. Intrinsically safe.
- Shear less gentle transfer. No Impellers / Rotors / Shafts / Gears. Only 3 Moving Parts.
- Prevents static electricity build-up to ensure safety.
- All *Neoflux Metal & Plastic Series* pumps are equipped with pressure relieve valve for safety.
- Quick On / Off Reliability for safety.
- Fully Groundable.
- Pumps a variety of fluid. High, Medium & Low Viscosities, lubricating & non-lubricating fluids.
- Ideal for remote installation.
- The Lube-Free *Neo-Flo & Neo-Tune* Designed Air Distribution System provides Greater Discharge / Air CFM input. Consistent restart.
- Portable & externally serviceable Air Distribution System. Complete in-line serviceable.
- Upto 6mm Solid Handling.
- All Bolted Heavy Duty Construction for total product containment.

Advantages of *Neoflux* Air-Operated Pump for Potentially Explosive Environment



IMPORTANT

- Petroleum product dispensing systems should be limit to 3.4 bar (50 psig) air supply pressure and 3.4 bar (50 psig) discharge pressure. (As per U.L.)
- In addition, pumping temperatures must be within the range of -20°F to +125°F (-29°C to 52°C).
- Pump exhaust to be connected to pipe or tubing to be routed outdoors or other location determined to be equivalent.
- All pipe & connections must be of Gasoline Resistance Compound.
- Pump should be fitted with a pressure relief valve rated to a maximum of 3.4 bar (50 psig). This valve should be connected to the pump discharge line to vent pressure resulting from thermal expansion. The pressure relief valve should incorporate a return line back to the supply tank.
- Pump must be electrically grounded. The ground connection is marked with a tag having the grounding symbol.