

Cylinder Packing Adjustment

1. Run cylinder eight (8) or ten (10) times, if it leaks, check the gap between the gland ring and the machined top of the cylinder casing, this gap should be uniform.
2. Tighten the gland screws with a small socket wrench, by hand, to make this gap uniform. Do not use a torque wrench.
3. Operate the cylinder again. If leak continues, tighten one (1) additional turn uniformly on all gland screws. Under correct operating conditions, the ram will have a light film of oil on it and will not run dry.
4. If the ram chatters or has a jerky action when the lift is being raised or lowered this indicates that the packing is too tight and the ram is dry. Loosen the gland screws approximately one (1) turn, keeping a uniform gap between the gland ring and the machined top of the cylinder casing. Run the unit to full stroke or by-pass pressure so the packing will expand under full pressure.
5. Continuous operation allows the fluid to saturate the packing, causing it to work properly and provide a tight seal without leakage or chattering.