

The usual symptoms of a single acting press ram with air in the Hydraulic system are as follow;

- No resistance in the pump stroke while pumping up a load [handle feels light]
- Most of the down stroke of the pump handle taken up but no advance or retract movement of the Ram
- Ram advances erratically while being pumped
- Air motor pump runs but no or limited movement in the Lift Ram

## Filling Instructions

### BSP75TA

Remove the Breather/Filler and if required, refill with \*32 Grade Hydraulic until the oil is within 3cm of the filler hole then replace the Filler Bung/Breather and open the Breather air vent screw.



### PROSHPR30TA & PROSHPR50TA

Remove the Filler and if required, refill with \*32 Grade Hydraulic until the oil is within 3cm of the filler hole then Replace the Filler Bung.



## Air & Manual Pumps Bleeding Instruction

**Manual Pump:** open the release valve by turning it counterclockwise. Pump several full strokes to eliminate any air in the system.



**Air Pump:** open the release valve by turning it counter clockwise. Connect the quick coupler-male into the air supply hose quick coupler-female, then turn on the air valve letting the pump work for several times to eliminate any air in the system.



## Press Ram Bleeding Instructions

**Manual Pump:** Close the release valve and Insert the Pump Handle into the socket of manual pump and pump the handle until the ram is at full stroke then open the release and allow the ram to fully retract.

**Air Pump:** Close the release valve and depress the air pump pedal and pump until the ram is at full stroke then open the release and allow the ram to fully retract.

Should any of the symptoms described in the instruction's introduction, please repeat the bleeding processes 1 to 7 or alternatively contact your TQB Brands Distributor.

**At this point both the Pump and Press Ram should be free of air and the Jack ready for operation**

\*The Borum/TQPro range of Presses use grade 32 Hydraulic Oil for the correct operation and compatibility with the seals used in their construction.